

# PHASE I ENVIRONMENTAL SITE ASSESSMENT

Parcel S87-016

2920 Reed Road

HOUSTON, TEXAS

for

**CITY OF HOUSTON**

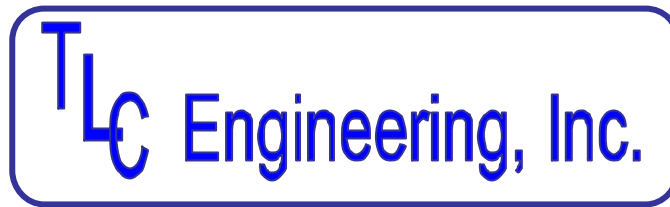


**Building Services Department**

**TLC Engineering, Inc.**

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July, 2005  
**Report No: 0601-10**



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July 29, 2005

Mr. Gabriel Mussio  
Building Services Department, City of Houston  
900 Bagby, City Hall Annex 2nd Floor  
Houston, Texas 77208

Reference: Phase I Environmental Site Assessment – Parcel S87-016 - 2920 Reed Road,  
Houston, Texas 77051

Dear Mr. Mussio:

Contained within this transmittal are the results of the Phase I Environmental Site Assessment performed for the above referenced project. This report presents data and recommendations for the above site. This study was authorized as per our communication for our professional services.

We thank you for allowing us to work with you on this project and look forward to opportunities to work with you and the City of Houston Building Services in the future.

Sincerely yours,

Tony L. Council, P.E.  
President

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## 1. EXECUTIVE SUMMARY

TLC Engineering, Inc. has completed a Phase I Environmental Site Assessment (ESA) at 2920 Reed Road in southeast Houston, Texas. The purpose of this study was to identify previous and current land use activities that could represent environmental concerns to the proposed project.



The project site is located east of the intersections of Highway 288 and Reed Road and is situated in an area of mixed land use which includes residential and commercial development.

The available information for this project is summarized below:

- Historical information indicates that the project site is situated in a fully developed, urbanized community with land usage consisting of residential, multi-residential development and commercial development.
- The project area is underlain by clayey soils associated with the Lissie Formation. Groundwater for domestic, commercial, and industrial uses are produced from the Chicot and Evangeline aquifers where it is pumped generally from depths of 400 feet or greater.
- A review of regulatory databases revealed fourteen (14) listings of concern; two (2) Leaking Underground Storage Tanks (LUST), eleven (11) Underground Storage Tanks (UST) and one (1) Texas Voluntary Cleanup Program (TXVCP) (listed in error) listings.

Research indicated fourteen (14) regulated sites were found in environmental records. The location of the TXVCP was reported near the project site, 2920 Reed Road. This listing is an error on the part of the regulatory data. The actual location does not fall within the standard search area. After carefully reviewing the environmental records, site reconnaissance, and current and historical industrial and commercial activity at the project site and adjacent properties, there is no evidence of adverse environmental impacts to the project site. Therefore, TLC Engineering is not recommending further investigation.

Please note that this executive summary does not fully relate our findings and opinions. Those findings and opinions are only related through our full report.

## **2. INTRODUCTION**

### **2.1 Purpose**

The purpose of this study is to identify, to the extent feasible, recognized environmental conditions that may exist at or adjacent to the project site. Recognized environmental conditions, in this case means the presence or likely presence of any hazardous substances or petroleum products at or adjacent to the project site from conditions that a past release occurred of any hazardous substances or petroleum products into structures at or adjacent to the project site or into the ground, groundwater, or surface water at or adjacent to the project site. This does not include conditions that generally do not present a material risk of harm to public health, the environment, and contractors working for the City of Houston.

### **2.2 Detailed Scope of Services**

The Phase I ESA at or adjacent to the project site described herein conforms to the ASTM Standard Practice E 1527-00 and ECRE Standard Practice.

- (1) Environmental regulatory agency summary records were obtained for sites regulated near the project site. Following initial review, additional information was obtained through file review, field observations, and interviews.
- (2) Available historical maps, aerial photos, and directories were obtained and reviewed to determine if current or prior land owner/occupants may have engaged in activities on adjacent properties which may have been an environmental concern.
- (3) Available geologic literature was reviewed to characterize the geologic, physiographic, and hydro geologic setting to determine potential release pathways.
- (4) A site reconnaissance was performed to conduct interviews, verify environmental and historical records, identify current land-use activities, and identify potential areas of environmental concern based on current conditions and development.
- (5) This report was prepared summarizing our findings, conclusions, and recommendations.

### **2.3 Significant Assumptions**

This ESAI is intended for use by the City of Houston and its contractors to assess the environmental conditions of the herein described project site. This ESAI is intended primarily as an approach to conducting an inquiry designed to identify recognized

environmental conditions in connection with the project site. Environmental site assessments must be evaluated based on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent environmental site assessments should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors. This environmental site assessment meets and/or exceeds E 1527-00 and is presumed to be valid for a period of one hundred eighty (180) days.

#### **2.4 Limitations and Exceptions**

This report is an instrument of service of TLC Engineering, Inc. The report was prepared for and is intended for the exclusive use of the City of Houston and its contractors. Any other party without the express written permission of TLC Engineering, Inc. may not rely upon the report's contents. The report's findings are based upon conditions that existed on the date of TLC Engineering, Inc.'s site visit and available records and should not be relied upon to precisely represent conditions at any other time. Certain indicators of the presence of hazardous materials may have been latent at the time of site reconnaissance and may subsequently have become observable. TLC Engineering, Inc. has based the conclusions included in the report on its observation of existing conditions, its interpretation of site history, and its interpretation of the usage it was able to access. All conclusions are qualified by the fact that no borings were drilled and no soil, sediment, or groundwater sampling or chemical testing was conducted. Conclusions about project site conditions under no circumstances comprise a warranty that conditions in all areas within the project site (and below existing grade) are of the same quality that TLC Engineering, Inc. has inferred from observable project site conditions and readily available project site history.

TLC Engineering, Inc. reserves the right to alter our conclusions and recommendations based on our review of any information obtained after the date of this report. Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar conditions, by environmental consultants practicing in this or similar localities. No warranty, express or implied, is made as to the professional information included in this report.

#### **2.5 Special Terms and Conditions**

Not Applicable.

#### **2.6 User Reliance**

The City of Houston has provided TLC Engineering, Inc. with site location information related to the project site. The City of Houston has not reported to TLC Engineering, Inc. any environmental liens encumbering the project site or any specialized knowledge or experience that would provide important information about previous ownership or uses of the project site that may be material to identifying recognized environmental conditions. TLC Engineering, Inc.'s findings and opinions must be considered probabilities based on professional judgment applied to the limited data TLC Engineering, Inc. was able to gather during the course of the site assessment.

### **3 SITE DESCRIPTION**

#### **3.1 Location and Legal Description**

##### ***Physical Location***

2920 Reed Road, Parcel S87-016, located in the J. Hamilton Abstract 879, Harris County, Texas, Key Map 573A, 29° 39.483'N Latitude, 95° 23.172'W Longitude.

#### **3.2 Site and Vicinity Characteristics**

The project site is vacant commercial property, located at 2920 Reed Road in Houston, Harris County. Site can be accessed from the major thoroughfare in the area, Reed Road.

#### **3.3 Descriptions of Structures**

There were no structures present on the site.

#### **3.4 Use of Property**

The site is currently vacant commercial property. It is the site a former water well site.

#### **3.5 Current Use of Adjoining Property**

Directly to the north of the project site is Reed Road. The eastern and western boundaries of the site is a part of Reserve A. The southern boundary of the site is Lots 5 and 6, Block 1 of the Reedwoods Subdivision.

### **4 USER-PROVIDED INFORMATION**

#### **4.1 Title Records**

Title research and investigation was not required by Building Services.

#### **4.2 Environmental Liens**

No knowledge of environmental liens regarding this site was transmitted to TLC Engineering, Inc. by the City of Houston.

#### **4.3 Special Knowledge**

No specialized knowledge of Recognized Environmental Concerns (RECs), Historical Recognized Environmental Concerns (HRECs) or other potential environmental concerns were reported by the City of Houston.

#### **4.4 Valuation Reduction for Environmental Issues**

No property valuation reduction relating to environmental concerns was reported by the City of Houston.

#### **4.5 Owner, Property Manager and Occupant Information**

City of Houston

#### **4.6 Reason for Performing Phase I**

The Phase I ESA is intended to identify and document any recognized environmental concerns that may exist on the subject property.

## 5. RECORDS REVIEW

TLC Engineering, Inc. reviewed federal and state agency databases obtained from TelALL Corporation, HAZMAT, and TEXAS COMMISSION ON ENVIRONMENTAL QUALITY - TCEQ (formerly Texas Natural Resource Conservation Commission - TNRCC) for nearby regulated sites to determine their status, and to identify specific addresses and site names that would aid in conducting our field reconnaissance. The general boundary of the search area includes the project site and extends about five hundred feet (500) from the project site for most sites, and one (1) mile for federal and state superfund sites, and federal hazardous waste sites. The environmental sites are shown on the Environment Site Summary Map on Plate 2 of this report. A copy of the environmental records reports obtained from TelALL Corporation is included in Appendix I.

A complete list of all government records searched is included in the TelALL report in the Appendix I.

### 5.1 Standard Environmental Record Sources Search Results

A review of regulatory databases revealed that fourteen (14) map locations representing environmental site listings are located at or near the project site. All regulatory database searches were performed in compliance with the suggested ASTM E 1527-00 and City of Houston ECRE requirements. A complete list of all government records searched is included in the TelALL report found in the Appendix B. The following is a summary of the information provided

ACRONYM	DATABASE	MINIMUM SEARCH DISTANCE (mile)	FINDINGS
NPL	National Priority List – A subset of the CERCLIS list created to track contaminated sites.	1	0
According to information listed in the TelALL regulatory data report, there are no findings of NPL sites within the search distance.			
CERCLIS	EPA Comprehensive Environmental Response, Compensation, and Liability Information System list. The CERCLIS contains sites, which are either proposed or on the National Priorities List (NPL).	0.5	0
According to information listed in the TelALL regulatory data report, there are no findings of CERCLIS sites within the search distance.			
NFRAP	The NFRAP indicates that <b>No Further Remedial Action is Planned</b> . Sites on NFRAP are the sites that have been removed from the CERCLIS list by the U.S. Environmental Protection Agency. These sites are no longer considered a federal concern, and most are also a low priority for the state.	0.5	0
According to information listed in the TelALL regulatory data report, there are not findings of NFRAP sites within the search distance.			

<b>RCRA TSD</b>	<b>Resource Conservation and Recovery Information System – Treatment Storage or Disposal.</b> The EPA maintains a database of the Treatment, Storage and Disposal (TSD) of hazardous waste from reporting facilities under the Resource Conservation and Recovery Act (RCRA).	<b>1</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there are no findings of RCRA-TSD sites within the search distance.			

<b>RCRA G</b>	<b>Resource Conservation and Recovery Information System –Generators</b>	<b>.025</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there are no findings of RCRA-G sites within the search distance,			

<b>CORRACT</b>	Lists <b>RCRIS (Resource Conservation and Recovery Information System)</b> Corrective Record sites that are currently or have had in the past corrective action.	<b>1</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there are no findings of CORRACT sites within the search area. CORRACT lists RCRIS (Resource Conservation and Recovery Information System) sites that are currently or have had in the past corrective action The RCRA Corrective Action Program requires investigation and cleanup of releases of hazardous wastes and hazardous constituents that pose an unacceptable risk at RCRA hazardous waste treatment, storage and disposal facilities. Facility evaluations, conducted by EPA or the State, are based on human health and environmental risks posed by actual or potential releases to the environment, potential migration pathways, target receptors, and waste characteristics.			

<b>ERNS</b>	The <b>Emergency Response Notification System (ERNS)</b> is a national database used to collect information or reported release of oil or hazardous substances.	<b>.025</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there are no findings of ERNS sites within the search area.			

<b>TXVCP</b>	<b>Texas Voluntary Cleanup Program (VCP)-</b> provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites.	<b>.05</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there are findings of TXVCP sites within the search area. The site that was listed was listed in error.			

<b>TXIOP</b>	The Texas IOP provides a certificate to an <b>Innocent Owner</b> or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination.	<b>.05</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there are no findings of TXIOP sites within the search area.			

<b>TXSSF</b>	<b>Texas Super Fund Sites</b> - States waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds are identified along with sites where cleanup will be paid for by potentially responsible parties.	<b>1</b>	<b>0</b>
According to information listed in the TelALL regulatory data there are findings of TXSSF sites within the search area.			

<b>LF</b>	<b>TCEQ Solid Waste Facilities</b> - inventory of solid waste disposal facilities or landfills.	<b>1</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there are no findings of LF sites within the search area.			

<b>LFUN</b>	<b>Unauthorized and Unpermitted Landfill Sites -</b> Unauthorized sites have no permit and are considered abandoned.	<b>0.5</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there on no findings of LFUN sites within the search area.			

TXLUST			TCEQ Leaking Petroleum Storage Tank Incident Report. This list identifies facilities known to have leaks or spills associated with their underground or aboveground systems.	0.5	2
0.18	NE	8555 South Fwy # 45		JERRY FINGER PROPERTY	
0.25	NE	9202 Rosehaven Dr		AM MINI MART 15	
According to information listed in the TelALL regulatory data report, two (2) sites listed on the TXLUST within the search area.					
<ul style="list-style-type: none"><li>Jerry Finger Property. – Leaking petroleum storage tank identification number (LPSTID) 101306. The subject tank release was reported on 1/13/1992. Priority: 4A - soil contamination only, requires full site assessment &amp; RAP. Status: 6A - Final Concurrence Issued, Case Closed</li><li>AM Mini Market – Leaking petroleum storage tank identification number (LPSTID) 107097. The subject tank release was reported on 9/24/1993. Priority: 5 - minor soil contamination-does not require a RAP. Status: 6A - Final Concurrence Issued, Case Closed.</li></ul>					

TXUST			TCEQ Registered <b>Under Ground Storage Tanks.</b> This list identifies parties who own or operate aboveground storage tanks containing petroleum products or hazardous materials.	0.25	11
0.25	NE	AM MINI MART 15		9202 Rosehaven Dr	
0.25	NE	AM MINI MART 15		9202 Rosehaven Dr	
0.25	NE	AM MINI MART 15		9202 Rosehaven Dr	
0.25	NE	AM MINI MART 15		9202 Rosehaven Dr	
0.25	NE	AM MINI MART 15		9202 Rosehaven Dr	
0.26	NE	BEAUFORD LEE DURHAM EXXON		3302 Reed Rd	
0.26	NE	BEAUFORD LEE DURHAM EXXON		3302 Reed Rd	
0.26	NE	BEAUFORD LEE DURHAM EXXON		3302 Reed Rd	
0.23	NW	ANA INC		2800 Reed Rd	
0.23	NW	ANA INC		2800 Reed Rd	
0.23	NW	ANA INC		2800 Reed Rd	
According to information listed in the TelALL regulatory data report, eleven (11) findings listed on the TXUST sites within the search area. These sites should not pose a high risk to the project site provided they remain in compliance with state and federal regulations.					

<b>TXAST</b>	TCEQ Registered <b>Above Ground Storage Tanks.</b> This list identifies parties who own or operate aboveground storage tanks containing petroleum products or hazardous materials.	<b>0.25</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, no sites are listed on the TXAST within the search area.			

<b>TXSPILLS</b>	TCEQ <b>Spills Database</b> - Texas Commission on Environmental Quality tracks cases where emergency response is needed for cleanup of toxic substances.	<b>0.25</b>	<b>0</b>
According to information listed in the TelALL regulatory data report, there are no findings of TXSPILLS listed within the search area.			



## **5.2 Additional Environmental Record Sources**

The Houston Fire Department HAZMAT (Hazardous Materials Response Unit) was contacted and requested to provide information on past Hazardous Material. This material is included in Supporting Documentation, Appendix III.

## **5.3 Physical Setting Sources**

### **a. Topography**

A review of the United States Geological Survey (U.S.G.S.) 1998 Park Place 7.5 Minute topographic quadrangle map shows that the elevation of the project site is fifty-four (54) feet above mean sea level (MSL). (Plate 3).

### **Geology and Soil Characteristics**

A review of the Bureau of Economic Geology 1982 Quadrangle Atlas of Texas, Houston Sheet 122 indicates that the uppermost geologic formation underlying the project site is a Lissie Formation dating back to the Pleistocene era. This formation dips gently towards the Gulf of Mexico. The formation also underlies non-related soils on the coastal area that consist primarily of clays, silts, and sands which were deposited, in fluvial (river-derived) environments.

The Soil Survey of Harris County indicates that the project site occurs within an urban soil association. In general, in an urban soil association these soils consist of built-up areas mostly covered by buildings. Consequently, the soils making up urban land are not able to be classified. (See Plate 5)

### **Groundwater Characteristics**

In the Houston area groundwater occurs in two main aquifers, the Chicot and the Evangeline Aquifers. The Chicot is the shallowest aquifer. The deeper Evangeline aquifer, which lies underneath the Chicot aquifer, is the major source of groundwater for the Houston metropolitan area. Both aquifers dip gently toward the coast. Shallower groundwater is also encountered in this area of Houston. Typically, the shallow water-bearing zones are first encountered at depths of 10 feet or more below ground surface.

### **b. Flood Zones**

Federal Emergency Management Agency (FEMA) – Flood Insurance Rate Maps (FIRM) on which floodplain zones are delineated are included in Plates Section. The project site is located in Zone X, areas determined to be outside the 0.2% annual chance floodplain.

### **c. Wetlands**

Wetlands determination was not within the scope of work.

## **5.4 Historical Use Information on the Site and Adjoining Property**

### **a. Sanborn Fire Insurance Maps**

Sanborn Fire Insurance Maps were not available for this portion of the city.



**b. Aerial Photography**

Seven (7) sets of aerial photographs were located for the subject property and can be found in Appendix II. Photographs from 1944, 1953, 1969, 1979, 1989, 1995, and 2002 were available. A brief description of the project site and adjoining sites is found below.

- |            |  |
|------------|--|
| 4-3-1944   | The aerial photograph shows the project site to be in a rural and undeveloped area.  |
| 4-26-1953  | This photograph shows the project site remains the same as it was in the 1944 photograph.  |
| 2-21-1969  | This photograph shows some urbanization southeast of the project site. Project site remains vacant.                                  |
| 3-25-1979  | Project site appears the same. Continued residential expansion to the southeast and Highway 288 construction is evident to the west. |
| 10-09-1989 | Project site appears vacant. Property adjacent to the east shows some construction.  |
| 2-1995     | Project site appears as it in 1989.  |
| 2002       | Project site appears as it is today.   |

**c. Historical Directories**

Historical city directories for Houston, Texas located in the Texas and Local History Department of the Houston Public Library were reviewed for this project. There was no data available for the project site.

**6. SITE RECONNAISSANCE**

**6.1 Methodology and Limiting Conditions**

Site reconnaissance was performed on July 14, 2005 by automobile and on foot. Purposes of the site reconnaissance were to observe the site and adjacent sites for characteristics, spills, corrective actions, and other potential environmental concerns, and to document present land uses. Photographs taken during the site reconnaissance are included in the report.

**6.2 General Site Setting**

The project site is located in a mixed land use area southeast of the downtown business district. The area surrounding the site consisted of a mixture of commercial and residential sites. Site access was gained from Reed Road.

## Site Photography



Portions of Reserve A that border the western boundary of the project site



Project site from Reed Road



Project site from Reed Road

### **6.3 Exterior Observations**

Not applicable.

### **6.4 Interior Observations**

Not applicable.

## **7. INTERVIEWS**

### **7.1 Interviews with Owner**

Not Applicable.

### **7.2 Interview with Site Manager**

Not Applicable

### **7.3 Interviews with Occupants**

Not Applicable.

### **7.4 Interviews with Local Government Officials**

The Houston Fire Department Hazardous Materials (HAZMAT) division, Senior Captain Troy Lilley, was contacted to provide response information for the project site and surrounding areas for this report. The list of Response Team incidents from January 1994 through the present date is included in Appendix III. The data provided did not list HAZMAT responses that adversely impact project site.

### **7.5 Interviews with Others**

Interviewed Gabriel Mussio, City of Houston – Building Services. He was not aware of any potential environmental impacts but did provided legal description of site location.

The following individuals/businesses were contacted by US mail to request information regarding the project site but did not respond by the submission date of this report:

Mireles Martin F &	3010 Bolt St	77051
Carlotta Tyler	3014 Bolt St	77051
Buchanan Tonia	3018 Bolt St	77051
Comeaux Barbara J	3022 Bolt St	77051
Henriques Robert	3025 Bolt St 1	77051
Geary Wallace	3109 Bolt St	77051
Aycock Mayme Louise	3113 Bolt St	77051
Williams Calvin Sr	3118 Bolt St	77051
Winters Hilton	3121 Bolt St	77051

## **8. FINDINGS**

“Recognized environmental conditions” are defined by ASTM as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum product into structures on the property or into the ground, ground water, or surface water of the property".

Research indicated fourteen sites (14) were found in environmental records and of these, two (2) regulated sites of Recognized Environmental Concerns (RECs) were listed within the search area. The information in the database was reviewed for current status of listings as of July 27, 2005. The following information was found:

- Jerry Finger Property. – Leaking petroleum storage tank identification number (LPSTID) 101306. The subject tank release was reported on 1/13/1992. Priority: 4A - soil contamination only, requires full site assessment and RAP (Remedial Assessment Plan). Status: 6A - Final Concurrence Issued, Case Closed
- AM Mini Market – Leaking petroleum storage tank identification number (LPSTID) 107097. The subject tank release was reported on 9/24/1993. Priority: 5



- minor soil contamination-does not require a RAP (Remedial Action Plan).  
Status: 6A - Final Concurrence Issued, Case Closed.

## **9. OPINIONS**

Based on the information obtained in this study, TLC, Inc. is of the opinion that there is no potential for soil and/or groundwater contamination to impact the project site.

## **10. CONCLUSIONS**

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00 on proposed project site. Any exceptions to or deletions from this practice are described in Section 2 and 11 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the project site.

## **11. DEVIATIONS**

This study did deviate slightly from the ASTM Practice to account for the City of Houston ECRE requirements (Appendix III). Search radii for environmental database information was five hundred (500) feet instead of directly adjacent or one half (.5) mile for all records except NPL, CERCLIS, and State Superfund, which was one (1) mile. Chain of Title records were not included and were not required.

## **12. ADDITIONAL SERVICES**

Not Applicable.

## **13. REFERENCES**

**The following references were used to compile this report:**

Bureau of Economic Geology, 1992, Geologic Atlas of Texas, Houston Sheet 122,  
University of Texas at Austin  
US Geological Survey, 1995. Houston Park Place, Texas 7.5 Minute Topographic  
Quadrangle Map (1:24,000)  
US Geological Survey, 2000. Park Place - Houston, Texas 7.5 Minute Topographic  
Quadrangle Map (1:24,000)

**The following individuals, vendors, and agencies were contacted during the course of this study:**

TelALL Environmental Data Research, Austin, Texas  
Texas Natural Resource Information System (TNRIS)  
City of Houston Fire Department, HAZMAT Division – Sr. Captain Troy Lilley  
City of Houston Building Services – Gabriel Mussio  
Houston Public Library

#### **14. SIGNATURE OF ENVIRONMENTAL PROFESSIONAL**

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**Ms. Linda Gamble**  
**Certified Environmental Management Specialist # 2005**

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July 31, 2005  
**Date**

#### **15. QUALIFICATIONS OF RESPONSIBLE ENVIRONMENTAL PROFESSIONAL**

The primary investigator for this Phase I ESA is Ms Linda Gamble. Ms. Gamble is NREP, Certified Environmental Management Specialist, #2005, has done Environmental Consulting for seven (7) years and has completed Environmental Site Assessments using ASTM criteria for six (6) years. Ms. Gamble's extensive computer, database, desktop publishing, Internet, and interviewing skills were utilized in gathering and manipulating data used in the generation of this report.

# **Plates**

**PLATE 1  
SITE VICINITY MAP**

**PLATE 2  
ENVIRONMENTAL SITE SUMMARY  
MAP**

**PLATE 3  
TOPOGRAPHIC MAP**

**PLATE 4  
FEMA-FIRM MAP PANEL - 48201C0870L**

**PLATE 5  
SOIL SURVEY**

SITE

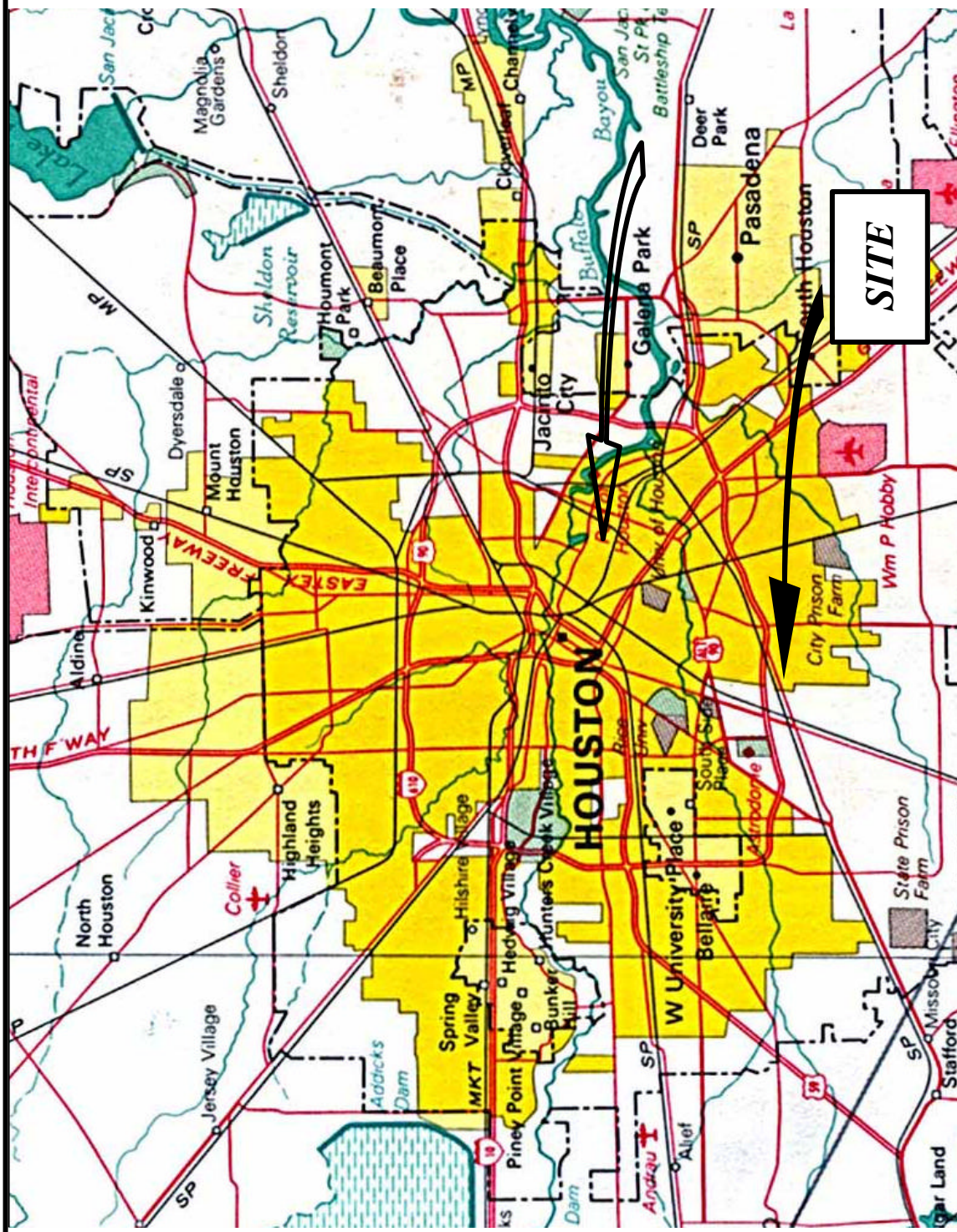
VICINITY

MAP

PLATE 1

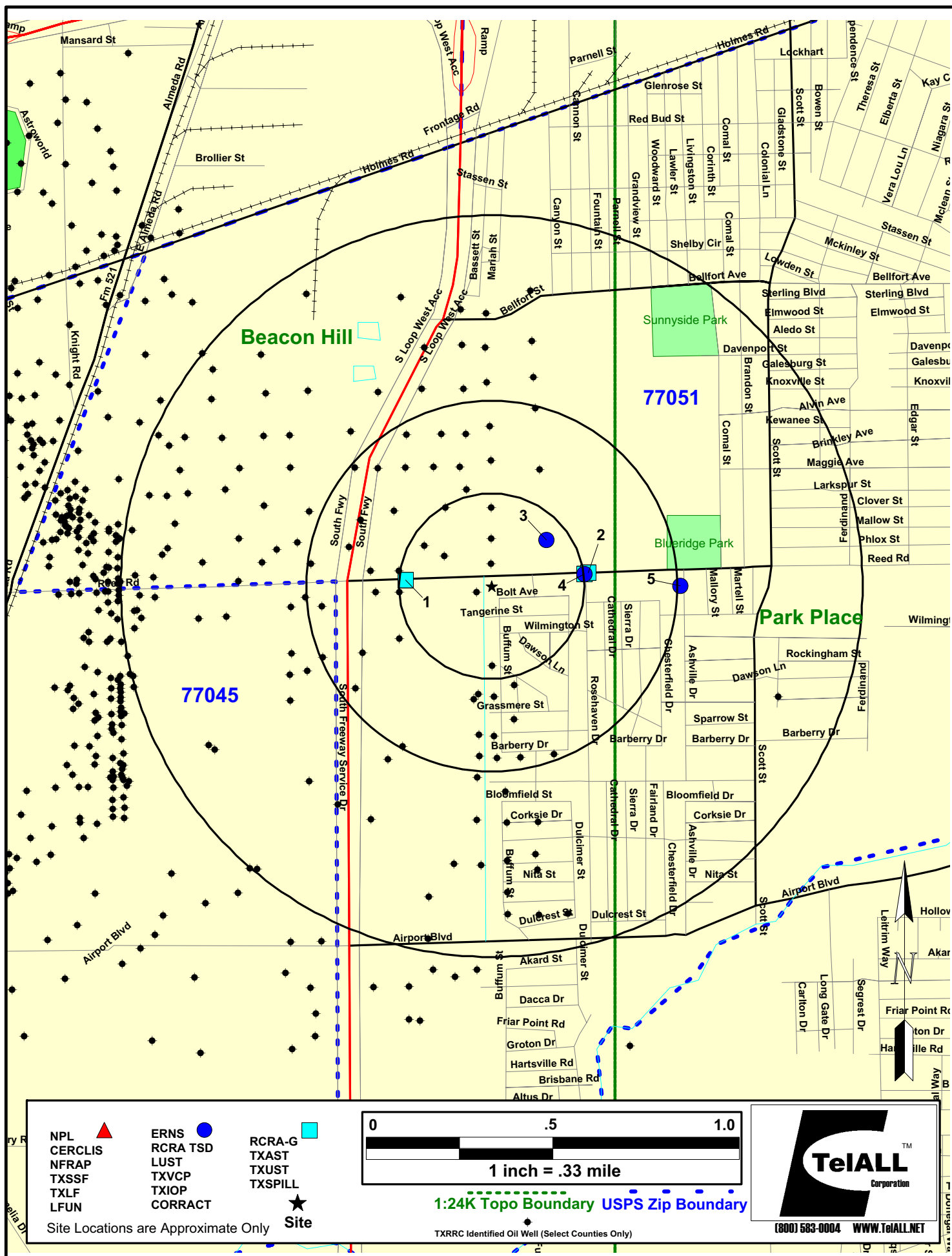


06/2005

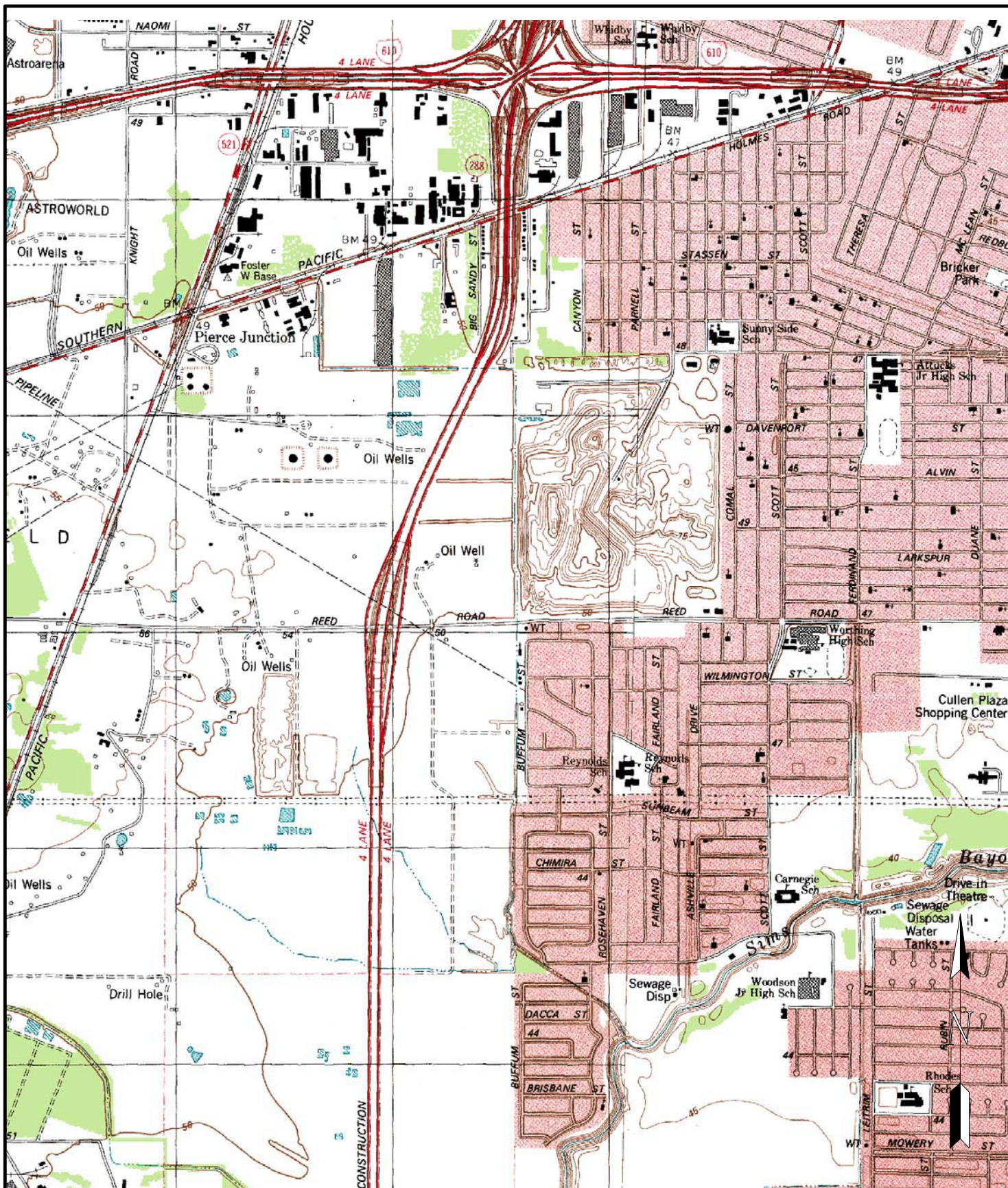


PARCEL - S87-016 - 2920 REED ROAD

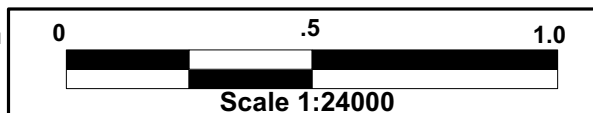








To identify the map date and/or revision date go to <http://mac.usgs.gov/mac/maplists/selectstatelist.html> the quad name(s) are on the first map in this report.

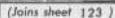


(800) 583-0004 WWW.TEIALL.NET

**Current USGS 7.5 Minute Topographic Map**







# Appendix I

## **Regulatory Data Report**



# **Environmental Data Search**

for the site

**2920 Reed Road, Harris County, TX**

performed for

**TLC Engineering**

7/27/2005

TLCE6635

**[www.TelALL.net](http://www.TelALL.net)**

---

(800) 583-0004 by fax (512) 472-4466

**Sites Sorted By Distance from Center**

2920 Reed Road, Harris County, TX

a e 1  
ob TLCE6635  
ate 7/27/2005

ista	e/	ire	tio	atabase	ite mber	ddress	City/	tate	ite	ame
						TXIOP			T	1/2 LE
						LFUN			T	1/2 LE
						TXSPILL			T	1/4 LE
						TXSSF			T	E LE
						TXLF			T	E LE
						TXAST			T	1/4 LE
						RCRA-G			T	1/4 LE
						RCRA TSD			T	E LE
						CORRACT			T	E LE
						ERNS			T	1/4 LE
						NFRAP			T	1/2 LE
						CERCLIS			T	1/2 LE
						NPL			T	E LE
.18										
	E			TXLUST	3	8555 T 45	T		E	E E T
.23										
				TXUST	1	2800 EE	T		C	
				TXUST	1	2800 EE	T		C	
				TXUST	1	2800 EE	T		C	
.25										
	E			TXLUST	4	202 E E	T			T 15
	E			TXUST	4	202 E E	T			T 15
	E			TXUST	4	202 E E	T			T 15
	E			TXUST	4	202 E E	T			T 15
	E			TXUST	4	202 E E	T			T 15
	E			TXUST	4	202 E E	T			T 15
.26										
	E			TXUST	2	3302 EE	T		E	LEE E
	E			TXUST	2	3302 EE	T		E	LEE E
	E			TXUST	2	3302 EE	T		E	LEE E
.51										
	E			TXVCP	5	EC E T EET L	T		E T	CT

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**NPL****National Priority List**

NPL is a priority subset of the CERCLIS list. (See CERCLIS, below) The Cerclis list was created by the Comprehensive Environmental Response, Compensation and Liability Acts (CERCLA) need to track contaminated sites. CERCLA was enacted on 12/11/80, and

amended by the Superfund Amendments and Reauthorization Act of 1986. These acts established broad authority for the government to respond to problems posed by the release, or threat of release of hazardous substances, pollutants, or contaminants. CERCLA

also imposed liability on those responsible for releases and provided the authority for the government to undertake enforcement and abatement action against responsible parties.

*Source: EPA, (703) 603-8852*

**Database:** NPL

**Site:** No findings within one mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**CERCLIS****Comprehensive Environmental Response, Compensation, and Liability Information System**

CERCLIS is the official repository for site and non-site specific Superfund data in support of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). It contains information on hazardous waste site assessment and remediation

from 1983 to the present. CERCLIS information is used to report official Superfund accomplishments to Congress and the public, assist EPA Regional and Headquarters managers in evaluating the status and progress of site cleanup actions, track Superfund

Comprehensive Accomplishments Plan (SCAP), and communicate planned activities and budgets.

*Source: EPA/ NTIS, (703) 413-0223*

**Database:** CERCLIS

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**



---

## **NFRAP**

### No Further Remedial Action Planned

NFRAP Sites indicate a CERCLIS site that was designated "No further remedial action planned" by the EPA February 1995.

*Source: EPA/ NTIS, (703) 413-0223*

**Database:** NFRAP

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

## **RCRA TSD**

### Resource Conservation and Recovery Information System - Treatment Storage or Disposal

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA TSD (Treatment Storage or Disposal) is a subset of the RCRIS list.

RCRA TSD tracks facilities that fall under the Treatment Storage or Disposal classification.

*Source: EPA/ NTIS, (800) 424-9346*

**Database:** RCRA TSD

**Site:** No findings within one mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**CORRACT**Corrective Action

CORRACT lists RCRIS (Resource Conservation and Recovery Information System) sites that are currently or have had in the past corrective action.

*Source: EPA, (800) 424-9346*

**Database:** CORRACT

**Site:** No findings within one mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**RCRA-G**Resource Conservation and Recovery Information System - Generators

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste, are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA-G (Generators) list is a subset of the RCRIS list.

RCRA-G tracks facilities that fall under the generators or transporters classification.

*CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS (CESQG) produce less than 100 kg per month of hazardous waste.*

*SMALL QUANTITY GENERATORS (SQG) produce at least 100 kg per month but less than 1000 kg per month of hazardous waste.*

*LARGE QUANTITY GENERATORS (LQG) produce at least 1000 kg per month of hazardous waste. Source: EPA/ NTIS, (800) 424-9346*

**Database:** RCRA-G

**Site:** No findings within 1/4 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

## **ERNS**

### Emergency Response Notification System

ERNS supports the release notification requirements of section 103 of the Comprehensive Environmental Response Compensation, and Liability Act (CERCLA), as amended; section 311 of the Clean Water Act; and sections 300.51 and 300.65 of the National Oil and Hazardous Substances Contingency Plan.

Additionally, ERNS serves as a mechanism to document and verify incident-location information as initially reported, and is utilized as a direct source of easily accessible data, needed for analyzing oil and hazardous substances spills.

*Source: EPA/ NTIS, (202) 260-2342*

**Database:** ERNS

**Site:** No findings within 1/4 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

2920 Reed Road, Harris County, TX

---

**TXVCP****Texas Voluntary Cleanup Program**

Created under HB 2296, The Texas Voluntary Cleanup Program (VCP) was established on 9/01/1995 to provide administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas. Since future lenders and landowners receive

protection from liability to the State of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate transactions at those sites are eliminated. As a result, many unused or under used properties may be restored to economically productive or community beneficial uses. After cleanup, the parties receive a certificate of completion from the TCEQ which states that all lenders and future land owners who are not PRP's are released from all liability to the State.

*Parts of the above description were taken from the TCEQ/VCP Website. (<http://www.TCEQ.state.tx.us/permitting/remed/vcp/>)*

*The investigation phases are listed as INVESTIGATION, REMEDIATION, POST-CLOSURE, and COMPLETE.*

*Contaminant Categories (PERC and BTEX). Source: TCEQ, (512) 239-5891*

**Database:** TXVCP

**Site:** Sabine Tract

**Dir./Distance (in Miles)** N E .51

**Map Number:** 5

**Address:** NEC SABINE STREET AND BUFFALO BAYOU

**Zip Code:**

**City:** HOUSTON

*VCP ID: 1056 - DATE VCP APPLICATION WAS RECEIVED: 9/22/1999. THE SITE IS IN THE COMPLETED PHASE. VCP CERTIFICATE TYPE: F (C IS CONDITIONAL / F IS FINAL).*

*FACILITY TYPE: PRINTING OPERATIONS. SITE ACRES: 2.953. CONTAMINANT TYPE: NONE. THE TYPE OF MEDIA AFFECTED: NA. TYPE OF REMEDY: NOT REQUIRED.*

*APPLICANTS NAME: HANOVER R.S. LP. THE CONSULTANT/ATTORNEY IS HBC ENGINEERING (TEL) 713-690-8989.*

2920 Reed Road, Harris County, TX

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**TXIOP****Innocent Owner/Operator Program**

The TX IOP, created by House Bill 2776 of the 75th Leg, provides a cert. to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not loc. on the prop., and they

did not cause or contribute to the source or sources of contamination. Like the TxVCP Prog., the IOP can be used as a redevelopment tool or as a tool to add value to a contaminated prop. by providing an Innocent Owner/Operator Certificate (IOC). However,

unlike the VCP release of liability, IOCs are not trans. to future owners/oper's. Future owners/oper's are eligible to enter the IOP and may rec. an IOC only after they become an owner or operator of the site.

*The above description were taken from the TCEQ/IOP Website.  
(<http://www.TCEQ.state.tx.us/permitting/remed/vcp/iop.html>)  
Source: TCEQ, (512) 239-5891*

**Database:** TXIOP

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**TXSSF****Texas State Superfund**

The Texas State Superfund database is a list of sites that the State of Texas has identified for investigation or remediation.

Texas State Superfund sites are reviewed for potential upgrading to Comprehensive Environmental Response, Compensation, and Liability Information System status by the federal Environmental Protection Agency.

*Source: TCEQ, (512) 239-5680*

**Database:** TXSSF

**Site:** No findings within one mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**TXLF****TCEQ Solid Waste Facilities**

Texas Commission on Environmental Quality (TCEQ) Requires municipalities and counties to report known active and inactive landfills.

Texas Landfills is a listing of solid waste facilities registered and tracked by the TCEQ Solid waste division. The facilities tracked include solid waste disposal sites as well as transfer stations and processing stations.

*Source: TCEQ, (512) 239-6786*

**Database:** TXLF

**Site:** No findings within one mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

**LFUN****Unauthorized and Unpermitted Landfill Sites**

Unauthorized sites have no permit and are considered abandoned. All information about these sites was compiled by Southwest Texas State University under contract with TCEQ and is based on a search of publicly available records.

*Source: TCEQ, (512) 239-6786*

**Database:** LFUN

**Site:** No findings within 1/2 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

---

## **TXLUST**

### Leaking Underground Storage Tanks

LUST is a list of known tank releases maintained by Texas Commission on Environmental Quality (TCEQ).

*Source: TCEQ, (512) 239-2200*

**Database:** TXLUST  
**Site:** JERRY FINGER PROPERTY  
**Dir./Distance (in Miles)** N E .18  
**Map Number:** 3  
**Address:** 8555 SOUTH FWY # 45  
**Zip Code:** 77051-1046  
**City:** HOUSTON

*LEAKING PETROLEUM STORAGE TANK IDENTIFICATION NUMBER (LPSTID) 101306. THE SUBJECT TANK RELEASE WAS REPORTED ON 1/13/1992.  
PRIORITY: 4A - SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & RAP.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0044729 PRP INFO: FINGER JERRY, 2660 CITADEL PLZ, HOUSTON TX 77008  
CONTACT: SHERRIE GIBSON TEL. 713/691-7543.  
LOCATION DESCRIPTION: 8555 S I 45.*

---

**Database:** TXLUST  
**Site:** AM MINI MART 15  
**Dir./Distance (in Miles)** N E .25  
**Map Number:** 4  
**Address:** 9202 ROSEHAVEN DR  
**Zip Code:** 77051-3125  
**City:** HOUSTON

*LEAKING PETROLEUM STORAGE TANK IDENTIFICATION NUMBER (LPSTID) 107097. THE SUBJECT TANK RELEASE WAS REPORTED ON 9/24/1993.  
PRIORITY: 5 - MINOR SOIL CONTAMINATION-DOES NOT REQUIRE A RAP.  
STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED.  
FAC ID NUMBER 0034845 PRP INFO: HUYHN TUONG CONG, 9202 ROSEHAVEN DR, HOUSTON TX 77051 CONTACT: TUONG CONG HUYHN TEL. 713/731-9122.  
LOCATION DESCRIPTION: 9202 ROSEHAVEN.*

---

2920 Reed Road, Harris County, TX

---

**TXUST****Texas Underground Storage Tanks**

Underground Storage Tanks - Permitted underground storage tanks are tracked by Texas Commission on Environmental Quality (TCEQ). This list is also maintained by the TCEQ.

*Source: TCEQ, (512) 239-2160*

**Database:** TXUST  
**Site:** ANA INC  
**Dir./Distance (in Miles)** NW .23  
**Map Number:** 1  
**Address:** 2800 REED RD  
**Zip Code:** 77051-2343  
**City:** HOUSTON

*FACILITY NUMBER 0048724, TNRCC UNIT ID NUMBER 00126688, TANK ID NUMBER 3, DATE INSTALLED (MMDDYY) 01011989, TOTAL CAPACITY IN GALLONS: 0012000.  
STATUS IS CURRENTLY IN USE. TANK COMPARTMENTS: COMPARTMENT A: GASOLINE. CAPACITY 12000 GAL  
THE TANK CONSTRUCTION IS OF FIBERGLASS-REINFORCED PLASTIC (FRP) - SINGLE WALL.  
THE OWNER OF THE FACILITY IS ANA INC, THE TELEPHONE NUMBER LISTED FOR THE OWNER IS 713-450-1199.*

---

*FACILITY NUMBER 0048724, TNRCC UNIT ID NUMBER 00126689, TANK ID NUMBER 2, DATE INSTALLED (MMDDYY) 01011989, TOTAL CAPACITY IN GALLONS: 0010000.  
STATUS IS CURRENTLY IN USE. TANK COMPARTMENTS: COMPARTMENT A: GASOLINE. CAPACITY 10000 GAL  
THE TANK CONSTRUCTION IS OF FIBERGLASS-REINFORCED PLASTIC (FRP) - SINGLE WALL.  
THE OWNER OF THE FACILITY IS ANA INC, THE TELEPHONE NUMBER LISTED FOR THE OWNER IS 713-450-1199.*

---

*FACILITY NUMBER 0048724, TNRCC UNIT ID NUMBER 00126690, TANK ID NUMBER 1, DATE INSTALLED (MMDDYY) 01011989, TOTAL CAPACITY IN GALLONS: 0010000.  
STATUS IS CURRENTLY IN USE. TANK COMPARTMENTS: COMPARTMENT A: GASOLINE. CAPACITY 10000 GAL  
THE TANK CONSTRUCTION IS OF FIBERGLASS-REINFORCED PLASTIC (FRP) - SINGLE WALL.  
THE OWNER OF THE FACILITY IS ANA INC, THE TELEPHONE NUMBER LISTED FOR THE OWNER IS 713-450-1199.*

---

**Database:** TXUST  
**Site:** AM MINI MART 15  
**Dir./Distance (in Miles)** NE .25  
**Map Number:** 4  
**Address:** 9202 ROSEHAVEN DR  
**Zip Code:** 77051-3125  
**City:** HOUSTON

*FACILITY NUMBER 0034845, TNRCC UNIT ID NUMBER 00092070, TANK ID NUMBER 2, DATE INSTALLED (MMDDYY) 08011993, TOTAL CAPACITY IN GALLONS: 0010000.  
STATUS IS CURRENTLY IN USE. TANK COMPARTMENTS: COMPARTMENT A: GASOLINE. CAPACITY 10000 GAL  
THE TANK CONSTRUCTION IS OF FIBERGLASS-REINFORCED PLASTIC (FRP) - SINGLE WALL.  
THE OWNER OF THE FACILITY IS HUYNH TUONG CONG, THE TELEPHONE NUMBER LISTED FOR THE OWNER IS 713-731-9122.*

---

*FACILITY NUMBER 0034845, TNRCC UNIT ID NUMBER 00092069, TANK ID NUMBER 1, DATE*



---

INSTALLED (MMDDYY) 08011993, TOTAL CAPACITY IN GALLONS: 0010000.  
STATUS IS CURRENTLY IN USE. TANK COMPARTMENTS: COMPARTMENT A: GASOLINE.  
CAPACITY 10000 GAL  
THE TANK CONSTRUCTION IS OF FIBERGLASS-REINFORCED PLASTIC (FRP) - SINGLE WALL.  
THE OWNER OF THE FACILITY IS HUYNH TUONG CONG, THE TELEPHONE NUMBER LISTED  
FOR THE OWNER IS 713-731-9122.

---

FACILITY NUMBER 0034845, TNRCC UNIT ID NUMBER 00092068, TANK ID NUMBER 2, DATE  
INSTALLED (MMDDYY) 01011956, TOTAL CAPACITY IN GALLONS: 0006000.  
STATUS IS CURRENTLY REMOVED FROM GROUND. TANK COMPARTMENTS: COMPARTMENT  
A: GASOLINE. CAPACITY 6000 GAL  
THE TANK CONSTRUCTION IS OF STEEL.  
THE OWNER OF THE FACILITY IS HUYNH TUONG CONG, THE TELEPHONE NUMBER LISTED  
FOR THE OWNER IS 713-731-9122.

---

FACILITY NUMBER 0034845, TNRCC UNIT ID NUMBER 00092066, TANK ID NUMBER 1, DATE  
INSTALLED (MMDDYY) 01011956, TOTAL CAPACITY IN GALLONS: 0006000.  
STATUS IS CURRENTLY REMOVED FROM GROUND. TANK COMPARTMENTS: COMPARTMENT  
A: GASOLINE. CAPACITY 6000 GAL  
THE TANK CONSTRUCTION IS OF STEEL.  
THE OWNER OF THE FACILITY IS HUYNH TUONG CONG, THE TELEPHONE NUMBER LISTED  
FOR THE OWNER IS 713-731-9122.

---

FACILITY NUMBER 0034845, TNRCC UNIT ID NUMBER 00092067, TANK ID NUMBER 3, DATE  
INSTALLED (MMDDYY) 01011974, TOTAL CAPACITY IN GALLONS: 0004000.  
STATUS IS CURRENTLY REMOVED FROM GROUND. TANK COMPARTMENTS: COMPARTMENT  
A: GASOLINE. CAPACITY 4000 GAL  
THE TANK CONSTRUCTION IS OF STEEL.  
THE OWNER OF THE FACILITY IS HUYNH TUONG CONG, THE TELEPHONE NUMBER LISTED  
FOR THE OWNER IS 713-731-9122.

---

**Database:** TXUST  
**Site:** BEAUFORD LEE DURHAM EXXON  
**Dir./Distance (in Miles)** N E .26  
**Map Number:** 2  
**Address:** 3302 REED RD  
**Zip Code:** 77051-2330  
**City:** HOUSTON

---

FACILITY NUMBER 0011621, TNRCC UNIT ID NUMBER 00030557, TANK ID NUMBER 1, DATE  
INSTALLED (MMDDYY) 01011984, TOTAL CAPACITY IN GALLONS: 0006000.  
STATUS IS CURRENTLY TEMPORARILY OUT OF USE. TANK COMPARTMENTS: COMPARTMENT  
A: GASOLINE. CAPACITY 6000 GAL  
THE TANK CONSTRUCTION IS OF STEEL.  
THE OWNER OF THE FACILITY IS DURHAM BEAUFORD LEE, THE TELEPHONE NUMBER LISTED  
FOR THE OWNER IS 713-734-1700.

---

FACILITY NUMBER 0011621, TNRCC UNIT ID NUMBER 00030558, TANK ID NUMBER 2, DATE  
INSTALLED (MMDDYY) 01011984, TOTAL CAPACITY IN GALLONS: 0006000.  
STATUS IS CURRENTLY TEMPORARILY OUT OF USE. TANK COMPARTMENTS: COMPARTMENT  
A: GASOLINE. CAPACITY 6000 GAL  
THE TANK CONSTRUCTION IS OF STEEL - SINGLE WALL.  
THE OWNER OF THE FACILITY IS DURHAM BEAUFORD LEE, THE TELEPHONE NUMBER LISTED  
FOR THE OWNER IS 713-734-1700.

---

---

FACILITY NUMBER 0011621, TNRCC UNIT ID NUMBER 00030559, TANK ID NUMBER 3, DATE  
INSTALLED (MMDDYY) 01011984, TOTAL CAPACITY IN GALLONS: 0006000.  
STATUS IS CURRENTLY TEMPORARILY OUT OF USE. TANK COMPARTMENTS: COMPARTMENT  
A: DIESEL. CAPACITY 6000 GAL  
THE TANK CONSTRUCTION IS OF STEEL - SINGLE WALL.  
THE OWNER OF THE FACILITY IS DURHAM BEAUFORD LEE, THE TELEPHONE NUMBER LISTED  
FOR THE OWNER IS 713-734-1700.

---

## **TXAST**

### Texas Above Ground Storage Tanks

Above Ground Storage Tanks - Permitted above ground storage tanks are tracked Texas Commission on Environmental Quality (TCEQ). This list is also maintained by the TCEQ.

*Source: TCEQ, (512) 239-2160*

**Database:** TXAST

**Site:** No findings within 1/4 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

## **TXSPILL**

### Texas Spills List

Texas Commission on Environmental Quality (TCEQ) tracks cases where emergency response is needed for cleanup of toxic substances.

*Source: TCEQ, (512) 239-3282*

**Database:** TXSPILL

**Site:** No findings within 1/4 mile.

**Dir./Distance (in Miles)**

**Map Number:**

**Address:**

**Zip Code:**

**City:**

---

# TelALL Zip Index

The following zip codes are the zip codes that TelALL used for generating the preliminary report. The information is provided to help our customers make the most thorough data evaluation possible. Lat/Long info is provided to assist in locating sites. Lat/Long info that is listed as 0 indicates that the site has not been located. This does not indicate that the site is an orphan or as of yet located by TelALL's research personnel.



FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77045	CERCLIS ERNS	L T TE T C	12230 LE T	T	2 63463	- 5 407582
			E T C	347 E T		
			E T C	347 E T		
		C EL E	T 4 10	347	2 420 8	- 3 41804
			6275 347 2 T	E T	2 4318	- 4 13753
			6275 347 T C	E T	2 4318	- 4 13753
			T 4 10	E T	30 0417	- 4 1002
			T 4 10	E T	30 0417	- 4 1002
		C T L C T	11650 L E	T	2 6476	- 5 4061
		C	1300 L E	T		
		LLC	12701 L E	T	2 625765	- 5 414856
			12701 L E	T	2 624238	- 5 4154
			12701 L E	T	2 624238	- 5 4154
		TC	3200 EL	T	2 615177	- 5 424403
	NFRAP	C CEC	12317 L E	T	2 632225	- 5 4121 3
		- E - L E	1110 L E	T	2 6628	- 5 4222
		T C E C L E CEC	1222 L E	T		
		T LE	300 L E	T	2 65474	- 5 43 332
		T L T E C	12100 CL E	T		
		C EC E C LC T	12701 L E	T	2 625765	- 5 414856
		C L -T T C	5203 EL E	T	2 638743	- 5 441735
		LE	12233 L	T	2 634627	- 5 407456
	TXLF		E E T ET L L E	T		
		- E C	2 0 4 8	T CT L		
	TXLUST	ELL TE E	EL	T	2 63564	- 5 404315
		E 6233	13350 L E E	T	2 644744	- 5 4255 11
		L	CL	T	2 726112	- 5 3 182 5
		T T E	-CL	T	2 726112	- 5 3 182 5
		T	7406	T	2 61523	- 5 464 08
	TXSPILL	mo o ipe i e Co	C off y 6	o sto		
		C C E C L C	T LLE 71	T		
		C T L T TE C E T	E L E TC	T		
		E	1314 5 TE ECT	T		
			1314 5 TE ECT	T		
		E L TE L	TE ECT L E L	T		
		E	8015 E T EE E T EE	T	2 73333	- 5 433335
			E T T T L EL	T		
		riffo Corp	riffo Corp 12701 meda oad	o sto	2 625765	- 5 414856
		L L	L E T L EL	T		
		L E C	E E C CL ET C	T		
			E 106 108 T EL	T		
			LL L EL - 770 E	T		
			E C EE L LE T	T		
			T L E T	T		
			L C - EL E	T		
		T L T E	L TEL E T T 550	T		
			L TEL E T T 550	T		
		C EC E C LC	5mi T E	T		
		T C E C L	E L T C	T		
	TXUST	T 7046	7046	T	2 61523	- 5 464 08
			7046	T	2 61523	- 5 464 08
			7046	T	2 61523	- 5 464 08
77045-	ERNS	T C E C L	12233	T	2 633528	- 5 406657
77045-100	TXLUST	C E C T CT	15 o mes d	o sto	2 6625	- 5 4235
77045-100	TXAST	CC L T 8	34 o mes d	o sto	2 6625	- 5 4235
		L E 16	36 o mes d	o sto	2 6625	- 5 4235
	TXUST	22 L E	22 o mes d	o sto	2 6625	- 5 4235
			22 o mes d	o sto	2 6625	- 5 4235
			22 o mes d	o sto	2 6625	- 5 4235
			22 o mes d	o sto	2 6625	- 5 4235
			22 o mes d	o sto	2 6625	- 5 4235
			22 o mes d	o sto	2 6625	- 5 4235
		L E 16	36 o mes d	o sto	2 6625	- 5 4235
		22 o mes oad	22 o mes d	o sto	2 6625	- 5 4235
77045-101	TXVCP	22 o mes oad	22 o mes d	o sto	2 6625	- 5 4235
77045-110	TXUST	T E ET LE L	110 etro L	o sto	2 6568	- 5 431
77045-110	TXLF	TE E	1110 o mes d	o sto	2 6628	- 5 4222
77045-120	TXSPILL	Texas ri e Corporatio	3000 edma t 77045	o sto	2 656	- 5 4156
77045-120	TXAST	L E - L E E T C	1550 o mes d	o sto	2 667182	- 5 407575
		LL T E C T	1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575



FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77045-120	TXAST	LL T E C T	1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
			1550 o mes d	o sto	2 667182	- 5 407575
77045-120	TXSPILL	L EC T E	420 i ht d	77045	o sto	2 6688 - 5 3 6
77045-122	TXUST	E L E L	10617 meda d	o sto	2 6675 - 5 3 8	
			10617 meda d	o sto	2 6675 - 5 3 8	
			10617 meda d	o sto	2 6675 - 5 3 8	
			10617 meda d	o sto	2 6675 - 5 3 8	
77045-122	TXSPILL	E T TE L	10501 meda d	77051	o sto	2 66 2 - 5 3 74
77045-123		CT T	1 00 o mes d	o sto	2 6684 - 5 4033	
77045-150	TXAST	T C T C C ETE	202 o mes d	o sto	2 65402 - 5 441552	
	TXUST	E C T CT T	200 o mes d	o sto	2 654016 - 5 4415 7	
			200 o mes d	o sto	2 654016 - 5 4415 7	
		T C T C C ETE	202 o mes d	o sto	2 65402 - 5 441552	
			202 o mes d	o sto	2 65402 - 5 441552	
77045-160	CORRACT	T LE C	300 o mes d	o sto	2 65474 - 5 43 332	
	TXUST	T LE C C	300 o mes d	o sto	2 65474 - 5 43 332	
	TXVCP	o sto Lead Compa y	300 o mes d	o sto	2 65474 - 5 43 332	
77045-160	TXAST	T C	450 o mes d	o sto	2 65774 - 5 4341 1	
	TXLF	L E EL E T C	400 o mes d	o sto	2 656337 - 5 436016	
77045-200	TXLUST	T 41 7	12401 ost a d	o sto	2 647363 - 5 46387	
	TXUST		12401 ost a d	o sto	2 647363 - 5 46387	
			12401 ost a d	o sto	2 647363 - 5 46387	
			12401 ost a d	o sto	2 647363 - 5 46387	
77045-201		T T C CLE	12838 ost a d	o sto	2 641676 - 5 4637 3	
			12838 ost a d	o sto	2 641676 - 5 4637 3	
77045-221		E LE T	12803 iram Car e d	o sto	2 64103 - 5 44647	
			12803 iram Car e d	o sto	2 64103 - 5 44647	
			12803 iram Car e d	o sto	2 64103 - 5 44647	
77045-231	RCRA-G	ET LT T T T	4175 pto r	o sto	2 646564 - 5 441 2	
	TXLUST	CL E E T	4175 pto r	o sto	2 646564 - 5 441 2	
	TXSPILL	ET LT T T T	4175 pto r	o sto	2 646564 - 5 441 2	
	TXUST	CL E E T	4175 pto r	o sto	2 646564 - 5 441 2	
			4175 pto r	o sto	2 646564 - 5 441 2	
			4175 pto r	o sto	2 646564 - 5 441 2	
			4175 pto r	o sto	2 646564 - 5 441 2	
			4175 pto r	o sto	2 646564 - 5 441 2	
			4175 pto r	o sto	2 646564 - 5 441 2	
			4175 pto r	o sto	2 646564 - 5 441 2	
			4175 pto r	o sto	2 646564 - 5 441 2	
			4175 pto r	o sto	2 646564 - 5 441 2	
			4175 pto r	o sto	2 646564 - 5 441 2	
			4175 pto r	o sto	2 646564 - 5 441 2	
77045-260	ERNS	EL	11750 meda d	o sto	2 6455 - 5 407	
	TXSPILL	Coasta tates Cr de atheri	11750 meda d	o sto	2 6455 - 5 407	
			11750 meda d	o sto	2 6455 - 5 407	
77045-261	RCRA-G	LE L T C E T	11650 meda d te	o sto	2 6476 - 5 4061	
	TXAST	TE EC E CE	11650 meda d	o sto	2 6476 - 5 4061	
			11650 meda d	o sto	2 6476 - 5 4061	
	TXSPILL	Coasta tates	11600 meda d	o sto	2 6476 - 5 4061	
		Coasta tates Cr de atheri	11650 meda d	o sto	2 6476 - 5 4061	
			11650 meda d	o sto	2 6476 - 5 4061	
		C T L T TE C C	11650 meda d	o sto	2 6476 - 5 4061	
	TXUST	TE EC E CE	11650 meda d	o sto	2 6476 - 5 4061	
77045-301	TXLUST	EC CT	12 30 itida t	o sto	2 640216 - 5 458368	
	TXUST	EC CT C	12 30 itida t	o sto	2 640216 - 5 458368	
			12 30 itida t	o sto	2 640216 - 5 458368	
77045-303	TXLUST	C E TE C	5148 Lot s t	o sto	2 635202 - 5 45 142	
	TXUST	C ETE C	5148 Lot s t	o sto	2 635202 - 5 45 142	
			5148 Lot s t	o sto	2 635202 - 5 45 142	
			5148 Lot s t	o sto	2 635202 - 5 45 142	
77045-310	TXLUST	T E T EC LT	13124 ayer t	o sto	2 636301 - 5 44 668	
	TXUST		13124 ayer t	o sto	2 636301 - 5 44 668	
			13124 ayer t	o sto	2 636301 - 5 44 668	
			13124 ayer t	o sto	2 636301 - 5 44 668	
			13124 ayer t	o sto	2 636301 - 5 44 668	
			13124 ayer t	o sto	2 636301 - 5 44 668	
77045-320	TXVCP	i rim C ea ers - iram Car e	13015 iram Car e d	o sto	2 63757 - 5 446401	

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77045-320	TXIOP	13000 iram C ar e oad	13000 iram C ar e d	o sto	2 63713	- 5 446488
77045-330	TXUST	T T E	13103 iram C ar e d	o sto	2 63604	- 5 446372
			13103 iram C ar e d	o sto	2 63604	- 5 446372
			13103 iram C ar e d	o sto	2 63604	- 5 446372
77045-330		E LE	13215 iram C ar e d	o sto	2 634816	- 5 446372
77045-330	TXLUST	T C T C	13301 iram C ar e d	o sto	2 633763	- 5 44637
	TXUST	T C T	13301 iram C ar e d	o sto	2 633763	- 5 44637
			13301 iram C ar e d	o sto	2 633763	- 5 44637
			13301 iram C ar e d	o sto	2 633763	- 5 44637
			13301 iram C ar e d	o sto	2 633763	- 5 44637
			13301 iram C ar e d	o sto	2 633763	- 5 44637
			13301 iram C ar e d	o sto	2 633763	- 5 44637
77045-370	RCRA-G	L E E T LT	12102 meda d	o sto	2 6355	- 5 411
	TXAST	E E C	12102 meda d	o sto	2 6355	- 5 411
			12102 meda d	o sto	2 6355	- 5 411
			12102 meda d	o sto	2 6355	- 5 411
			12102 meda d	o sto	2 6355	- 5 411
			12102 meda d	o sto	2 6355	- 5 411
			12102 meda d	o sto	2 6355	- 5 411
77045-372	TXUST		12170 meda d	o sto	2 6348	- 5 4113
			12170 meda d	o sto	2 6348	- 5 4113
			12170 meda d	o sto	2 6348	- 5 4113
77045-372	RCRA-G	T E E T CT	1222 meda d	o sto	2 633635	- 5 411573
	TXUST	T C E C L E CE C	1222 meda d	o sto	2 633635	- 5 411573
			1222 meda d	o sto	2 633635	- 5 411573
77045-372		ELE C	12202 meda d	o sto	2 633	- 5 412
			12202 meda d	o sto	2 633	- 5 412
			12202 meda d	o sto	2 633	- 5 412
77045-400	TXLUST	E E T	13515 ost a d	o sto	2 630017	- 5 46422
	TXUST	E ET	13501 ost a d	o sto	2 63014	- 5 464126
			13501 ost a d	o sto	2 63014	- 5 464126
77045-400	TXLUST	T 31	13500 ost a d	o sto	2 630206	- 5 464202
	TXUST	T LE T T	13500 ost a d	o sto	2 630206	- 5 464202
			13500 ost a d	o sto	2 630206	- 5 464202
			13500 ost a d	o sto	2 630206	- 5 464202
			13500 ost a d	o sto	2 630206	- 5 464202
			13500 ost a d	o sto	2 630206	- 5 464202
77045-411	RCRA-G	LT T TEC L C	4 4 1/2 rem r	o sto	2 627275	- 5 455 15
77045-420	TXUST	L	13506 iram C ar e d	o sto	2 630 66	- 5 446386
			13506 iram C ar e d	o sto	2 630 66	- 5 446386
77045-430		T EE C	13712 iram C ar e d	o sto	2 628457	- 5 446368
77045-430		ELL	4101 rem r	o sto	2 627571	- 5 4381 6
			4101 rem r	o sto	2 627571	- 5 4381 6
77045-440		CL E L E LL T T	3 03 rem r	o sto	2 627575	- 5 437041
			3 03 rem r	o sto	2 627575	- 5 437041
			3 03 rem r	o sto	2 627575	- 5 437041
			3 03 rem r	o sto	2 627575	- 5 437041
			3 03 rem r	o sto	2 627575	- 5 437041
77045-440		C T L C C	4030 rem r	o sto	2 627685	- 5 4376 4
			4030 rem r	o sto	2 627685	- 5 4376 4
			4030 rem r	o sto	2 627685	- 5 4376 4
77045-442	TXLUST	TE C E	3655 rem r	o sto	2 627575	- 5 435775
	TXUST		3655 rem r	o sto	2 627575	- 5 435775
			3655 rem r	o sto	2 627575	- 5 435775
			3655 rem r	o sto	2 627575	- 5 435775
77045-461		T E	3504 rem r	o sto	2 627872	- 5 428506
			3504 rem r	o sto	2 627872	- 5 428506
77045-463	TXLUST	E T E ET L CE	3420 rem r	o sto	2 627885	- 5 42755
	TXUST	E T E ET	3420 rem r	o sto	2 627885	- 5 42755
77045-474	CORRACT	C CE C	12317 meda d	o sto	2 632225	- 5 4121 3
	RCRA-G	CT T	1231 1/2 meda d	o sto	2 62	- 5 4133
	TXAST	LL ET L CE C	12335 meda d	o sto	2 631 36	- 5 41232
			12335 meda d	o sto	2 631 36	- 5 41232
	TXVCP	o sto Export Crati Compa y (	12317 meda d	o sto	2 632225	- 5 4121 3
77045-480	TXUST	E TE	2425 o ery d	o sto	2 635675	- 5 407863
77045-481	RCRA TSD	T TE E TE TE	12303 me ia r	o sto	2 634325	- 5 40321
	RCRA-G	E E T L E	12301 me ia r	o sto	2 634352	- 5 40323
	TXUST	E T C C	12303 me ia r	o sto	2 634325	- 5 40321
			12303 me ia r	o sto	2 634325	- 5 40321
77045-481	RCRA TSD	T C T E E	12354 me ia r	o sto	2 633556	- 5 402762
	TXAST	T C T E E C	12354 me ia r	o sto	2 633556	- 5 402762
	TXUST		12354 me ia r	o sto	2 633556	- 5 402762
77045-481	TXAST	ELL TE E C	12500 me ia r	o sto	2 631581	- 5 4012
	TXUST		12500 me ia r	o sto	2 631581	- 5 4012
			12500 me ia r	o sto	2 631581	- 5 4012
			12500 me ia r	o sto	2 631581	- 5 4012
			12500 me ia r	o sto	2 631581	- 5 4012
			12500 me ia r	o sto	2 631581	- 5 4012





FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77045-620	TXUST	L 12	4444 a t	o sto	2 613385	- 5 44432
			4444 a t	o sto	2 613385	- 5 44432
			4444 a t	o sto	2 613385	- 5 44432
		E T C C	4444 a t	o sto	2 613385	- 5 44432
			4444 a t	o sto	2 613385	- 5 44432
			4444 a t	o sto	2 613385	- 5 44432
			4444 a t	o sto	2 613385	- 5 44432
77045-643		T E	14623 ffa o peed ay	o sto	2 614582	- 5 430847
			14623 ffa o peed ay	o sto	2 614582	- 5 430847
			14625 ffa o peed ay	o sto	2 614556	- 5 430845
			14625 ffa o peed ay	o sto	2 614556	- 5 430845
			14625 ffa o peed ay	o sto	2 614556	- 5 430845
77045-643	TXLUST	L C E E CE T E	3640 a t	o sto	2 613555	- 5 431484
77045-653	TXUST	E T E	3420 a t	o sto	2 61358	- 5 428237
77045-654		T E 433 51 3	3540 a t	o sto	2 6135 5	- 5 430271
			3540 a t	o sto	2 6135 5	- 5 430271
77045-660	RCRA-G	T L C T E LL	13131 meda d	o sto	2 6184 3	- 5 417807
	TXAST	LL E C	13101 meda d	o sto	2 61 046	- 5 4176
	TXLUST	T L C L T	13131 meda d	o sto	2 6184 3	- 5 417807
77045-660		E 6233	13350 meda d	o sto	2 6143	- 5 41 5
	TXSPILL	E	13350 meda d	o sto	2 6143	- 5 41 5
	TXUST	E 6233	13350 meda d	o sto	2 6143	- 5 41 5
			13350 meda d	o sto	2 6143	- 5 41 5
			13350 meda d	o sto	2 6143	- 5 41 5
77045-661	TXSPILL	TC	3200 roo fie d r	o sto	2 615185	- 5 4211
77045-669	TXVCP	eh stei o sto asti s a t	13001 meda d	o sto	2 6207 8	- 5 41688
77045-999	TXUST	L E T T	3030 a t	o sto	2 613685	- 5 421571
77051	CERCLIS	E E E T	2 -38-0 5-21-23	T		
	ERNS		4620 E T E E T L E	T	2 6666 7	- 5 357 1
		C C TE L E	2434 L E	T	2 671361	- 5 3 3154
			2434 L E	T	2 671361	- 5 3 3154
			2434 L E	T	2 671361	- 5 3 3154
			2434 L E	T	2 671361	- 5 3 3154
			2434 L E	T	2 671361	- 5 3 3154
			2434 L E	T	2 671361	- 5 3 3154
			2434 L E	T	2 671361	- 5 3 3154
		C C TE L E	2434 L E	T	2 671361	- 5 3 3154
		C C TE L	2434 L E	T	2 671361	- 5 3 3154
			2434 L E	T	2 671361	- 5 3 3154
		C C TE L E	2434 L E	T	2 671361	- 5 3 3154
		E C	C E ELL E L	T	2 88554	- 5 474272
	NFRAP	C T - T	2434 L E	T	2 671361	- 5 3 3154
		E L L TE	3201 L E	T	2 675547	- 5 37 586
		E T E TE - TE C	E TE L E L 610	T		
		L TE	1118 T E E	T	2 677 22	- 5 36302
	RCRA-G	TE C T T	202 E E	T		
	TXSPILL	L T T E	C C T C T	o sto		
		C L C T	C L C 2434 L E	T	2 671361	- 5 3 3154
		C L EE	100 L E 2434 L E	T		
		C T L T C	T C T TE L	T		
		E C	E TE L 6 E E	T		
		Exxo - o th o sto Termi a	aso i e Ta T-1156	o sto		
		TE TEELC E	TE TEELC E T L	T		
		E -E T	E T C E LLE	T		
	TXUST	C T L E ELE	T	T	2 65317	- 5 2613088
77051-101	TXAST	TE E L C C	2330 o mes d	o sto	2 6706 3	- 5 3 531
	TXUST		2330 o mes d	o sto	2 6706 3	- 5 3 531
			2330 o mes d	o sto	2 6706 3	- 5 3 531
			2330 o mes d	o sto	2 6706 3	- 5 3 531
			2330 o mes d	o sto	2 6706 3	- 5 3 531
77051-101	CORRACT	C C TE L E	2434 o mes d	o sto	2 671361	- 5 3 3154
		C C TE L	2434 o mes d	o sto	2 671361	- 5 3 3154
	RCRA-G	C C TE L E	2434 o mes d	o sto	2 671361	- 5 3 3154
		C C TE L	2434 o mes d	o sto	2 671361	- 5 3 3154
	TXSPILL	Coo e Composites o ymers	2434 o mes d	o sto	2 671361	- 5 3 3154
		C	2434 o mes d	o sto	2 671361	- 5 3 3154
			2434 o mes d	o sto	2 671361	- 5 3 3154
77051-101	TXUST	L C - LLE C	2621 o mes d	o sto	2 67265	- 5 38 325
77051-102		T L	2750 o mes d	o sto	2 673344	- 5 386701
77051-102	RCRA-G	T C E ETC TE T	2811 o mes d	o sto	2 673742	- 5 385731
	TXLUST	T C E C	2825 o mes d	o sto	2 67381	- 5 3854
	TXUST		2825 o mes d	o sto	2 67381	- 5 3854
77051-102	RCRA-G	T C E ETC TE T	2 1 o mes d	o sto	2 67427	- 5 383 37
	TXUST	T C E C	2 1 o mes d	o sto	2 67427	- 5 383 37
			2 1 o mes d	o sto	2 67427	- 5 383 37
77051-102	RCRA-G	C T C LL E CE	2 10 o mes d	o sto	2 674125	- 5 384043

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77051-104	TXLUST	E E E T	8555 o th y 45	o sto	2 65 350	- 5 3780737
77051-109	RCRA-G	T C E ETC TE T	2835 o mes d	o sto	2 67385	- 5 385333
77051-110	TXSPILL	CT T	3100 e fort t	o sto	2 667	- 5 3804
	TXUST	L E C E T	3100 e fort t	o sto	2 667	- 5 3804
			3100 e fort t	o sto	2 667	- 5 3804
	TXVCP		3100 e fort t	o sto	2 667	- 5 3804
77051-114	TXAST	C LT E L C C	8403 asset t	o sto	2 67067	- 5 380602
77051-119	RCRA-G	TE TEEL C E C	3101 o mes d	o sto	2 675104	- 5 381157
77051-132	TXUST	E C	8103 ood ard t	o sto	2 674238	- 5 373472
			8103 ood ard t	o sto	2 674238	- 5 373472
			8103 ood ard t	o sto	2 674238	- 5 373472
			8103 ood ard t	o sto	2 674238	- 5 373472
77051-140		L CE T E	3 02 e fort t	o sto	2 66 4	- 5 3684
77051-154	RCRA-G	TEC L C	3701 o mes d	o sto	2 678104	- 5 371058
	TXUST	C C TE T L C	3701 o mes d	o sto	2 678104	- 5 371058
77051-165	TXLUST	C L TE LE C	8108 ott t	o sto	2 67427	- 5 367055
	TXUST	C L TE LE	8108 ott t	o sto	2 67427	- 5 367055
			8108 ott t	o sto	2 67427	- 5 367055
77051-171		E C 64655	7303 C e d	o sto	2 680656	- 5 355672
			7303 C e d	o sto	2 680656	- 5 355672
			7303 C e d	o sto	2 680656	- 5 355672
			7303 C e d	o sto	2 680656	- 5 355672
77051-171	TXLUST	E L LE TE C	7455 C e d	o sto	2 678132	- 5 355727
	TXUST	C L LE TE C	7401 C e d	o sto	2 68026	- 5 355674
			7401 C e d	o sto	2 68026	- 5 355674
			7401 C e d	o sto	2 68026	- 5 355674
			7401 C e d	o sto	2 68026	- 5 355674
		E L LE TE C	7455 C e d	o sto	2 678132	- 5 355727
			7455 C e d	o sto	2 678132	- 5 355727
77051-171	RCRA-G	CT T	7440 C e d	o sto	2 678686	- 5 35580
	TXLUST	C E 60108216	7410 C e d	o sto	2 67 86	- 5 35577
	TXSPILL	C E E	7410 C e d	o sto	2 67 86	- 5 35577
	TXUST	C E C 108216	7410 C e d	o sto	2 67 86	- 5 35577
			7410 C e d	o sto	2 67 86	- 5 35577
			7410 C e d	o sto	2 67 86	- 5 35577
			7410 C e d	o sto	2 67 86	- 5 35577
			7410 C e d	o sto	2 67 86	- 5 35577
			7410 C e d	o sto	2 67 86	- 5 35577
		E TE TE CE C	7440 C e d	o sto	2 678686	- 5 35580
			7440 C e d	o sto	2 678686	- 5 35580
			7440 C e d	o sto	2 678686	- 5 35580
	TXVCP	C e ai te a e a iity	7440 C e d	o sto	2 678686	- 5 35580
77051-171	TXUST	E C L E	4340 o mes d	o sto	2 68055	- 5 362 3
77051-179		L C	4342 o mes d	o sto	2 680553	- 5 362 86
77051-181		CE	4103 e fort t	o sto	2 66 3	- 5 3653
			4103 e fort t	o sto	2 66 3	- 5 3653
77051-190		C L LE T	7717 C e d	o sto	2 67534	- 5 355672
			7717 C e d	o sto	2 67534	- 5 355672
77051-201		T 2 1	8210 C e d	o sto	2 6708 4	- 5 355568
			8210 C e d	o sto	2 6708 4	- 5 355568
			8210 C e d	o sto	2 6708 4	- 5 355568
77051-220	RCRA-G	E L C T	10501 E meda t	o sto	2 6704 2	- 5 3 60 4
	TXLUST	E ET TE L	10501 E meda t	o sto	2 6704 2	- 5 3 60 4
77051-233	TXUST	E LEE E	3302 eed d	o sto	2 658078	- 5 3761 7
			3302 eed d	o sto	2 658078	- 5 3761 7
			3302 eed d	o sto	2 658078	- 5 3761 7
77051-233		E CE T T	3502 eed d	o sto	2 658175	- 5 371824
			3502 eed d	o sto	2 658175	- 5 371824
			3502 eed d	o sto	2 658175	- 5 371824
77051-234		L 332	2665 eed d	o sto	2 657785	- 5 386587
			2665 eed d	o sto	2 657785	- 5 386587
			2665 eed d	o sto	2 657785	- 5 386587
77051-234		EE ELL	2705 eed d	o sto	2 6577 6	- 5 386171
			2705 eed d	o sto	2 6577 6	- 5 386171
			2705 eed d	o sto	2 6577 6	- 5 386171
77051-234		C	2800 eed d	o sto	2 65778	- 5 384384
			2800 eed d	o sto	2 65778	- 5 384384
			2800 eed d	o sto	2 65778	- 5 384384
77051-261	ERNS		4628 a e port t	o sto	2 666705	- 5 35767
77051-271	TXUST	CL E L	128 ott t	o sto	2 658872	- 5 368046
			128 ott t	o sto	2 658872	- 5 368046
			128 ott t	o sto	2 658872	- 5 368046
77051-271	TXLUST	C LT T	4103 eed d	o sto	2 658385	- 5 367807
	TXUST	T C 407	4103 eed d	o sto	2 658385	- 5 367807
			4103 eed d	o sto	2 658385	- 5 367807
			4103 eed d	o sto	2 658385	- 5 367807

FACZIP	DATABASE	SITENAME	ADD	CITY	LATITUDE	LONGITUDE
77051-281	TXLUST TXUST	E ELL ELL L C	127 C e d	o sto	2 658783	- 5 355472
			127 C e d	o sto	2 658783	- 5 355472
			127 C e d	o sto	2 658783	- 5 355472
			127 C e d	o sto	2 658783	- 5 355472
77051-312	TXLUST TXUST	T 15	202 oseha e r	o sto	2 658027	- 5 376368
			202 oseha e r	o sto	2 658027	- 5 376368
			202 oseha e r	o sto	2 658027	- 5 376368
			202 oseha e r	o sto	2 658027	- 5 376368
			202 oseha e r	o sto	2 658027	- 5 376368
			202 oseha e r	o sto	2 658027	- 5 376368
77051-332		C LLE L	421 C e d	o sto	2 655302	- 5 35535
			421 C e d	o sto	2 655302	- 5 35535
			444 C e d	o sto	2 658033	- 5 355502
77051-332		L T T				
77051-333		E L T T	4534 i mi to t	o sto	2 655858	- 5 358526
77051-335	TXSPILL TXUST	T C T E E EE L T C E E CE T	635 ott t	o sto	2 65337	- 5 368672
			635 ott t	o sto	2 65337	- 5 368672
			635 ott t	o sto	2 65337	- 5 368672
			635 ott t	o sto	2 65337	- 5 368672
77051-339	RCRA-G	E E T LCL C	314 C e d	o sto	2 658203	- 5 355531
77051-460	RCRA TSD	LL C E	3030 risba e t	o sto	2 638	- 5 3788

# Appendix II

## Aerial Photography



# Historic Aerial Photo Search

for the site

**2920 Reed Road, Harris County, TX**

performed for

**TLC Engineering**

**7/27/2005**

## Photos Found

Date	County	Source	Scale	Researcher Comment
4-3-44	HARRIS	ASCS	1 inch = 700 feet	BEST COPY AVAILABLE
4-26-53	HARRIS	ASCS	1 inch = 700 feet	
2-21-69	HARRIS	WALLACE ZIN	1 inch = 700 feet	
3-25-79	HARRIS	TXDOT	1 inch = 700 feet	
10-9-89	HARRIS	TXDOT	1 inch = 700 feet	
2-95	HARRIS	USGS	1 inch = 700 feet	
2002	HARRIS	HGACOG	1 inch = 700 feet	

## AERIAL PHOTO SOURCE ACRONYMS

<b>ASCS</b>	AGRICULTURAL STABILIZATION . CONSERVATION SERVICE	<b>TXDOT</b>	TEXAS DEPARTMENT OF TRANSPORTATION
<b>FAIRCHILD</b>	PRIVATE COMPANY	<b>USAF</b>	UNITED STATES AIR FORCE
<b>GLO</b>	GENERAL LAND OFFICE	<b>USDA</b>	UNITED STATES DEPARTMENT OF AGRICULTURE
<b>TOBIN</b>	PRIVATE COMPANY	<b>USGS</b>	UNITED STATES GEOLOGICAL SURVEY
<b>AMS</b>	ARMY MAPPING SERVICE	<b>WALLACE</b>	PRIVATE COMPANY
<b>COSA</b>	CITY OF SAN ANTONIO	<b>HGACOG</b>	HOUSTON AREA COUNCIL GALVESTON
<b>NCTCOG</b>	NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS	<b>TELALL</b>	PRIVATE COMPANY
<b>CAPCO</b>	CAPITOL AREA PLANNING COUNCIL		

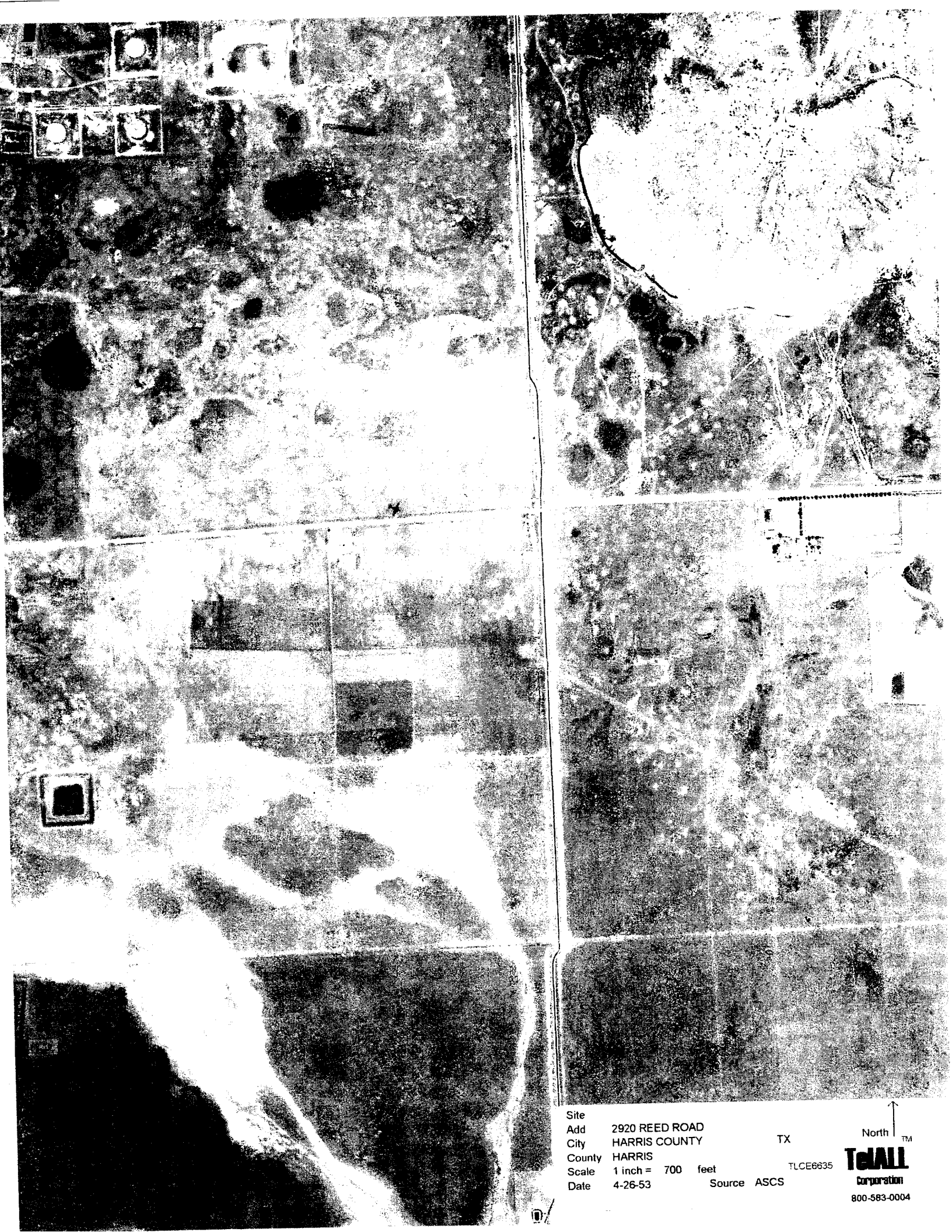
TLCE6635 **TelALL** <sup>TM</sup>



Site  
Add 2920 REED ROAD  
City HARRIS COUNTY TX  
County HARRIS  
Scale 1 inch = 700 feet TLCE6635  
Date 4-3-44 Source ASCS  
**BEST COPY AVAILABLE**

North ↑  
**TelALL**  
Corporation  
800-583-0004





Site  
Add 2920 REED ROAD  
City HARRIS COUNTY TX  
County HARRIS  
Scale 1 inch = 700 feet  
Date 4-26-53 Source ASCS

TLCE6635

North  
TelALL  
Corporation  
800-583-0004



Site  
Add 2920 REED ROAD TX  
City HARRIS COUNTY  
County HARRIS  
Scale 1 inch = 700 feet  
Date 2-21-69

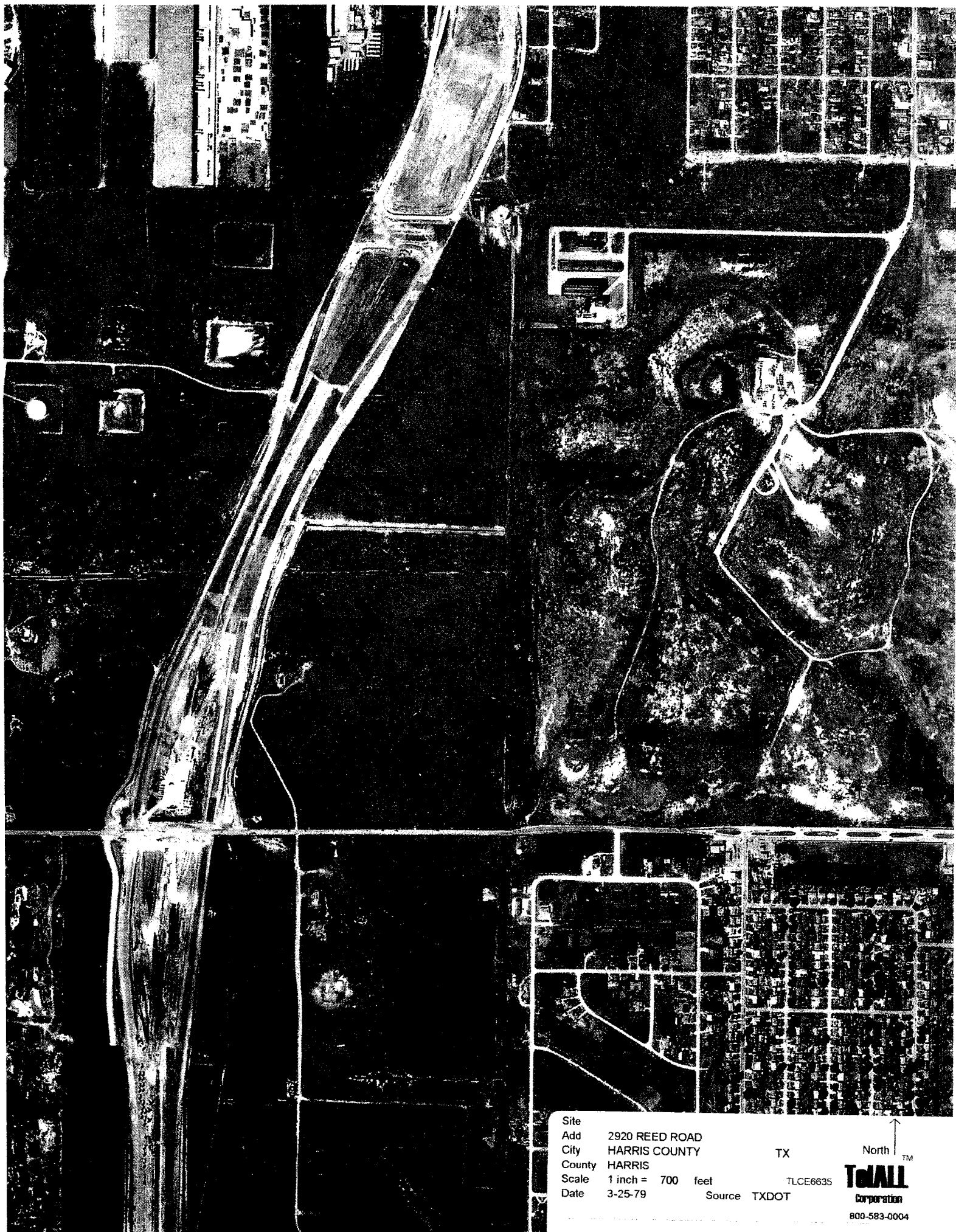
Source WALLACE ZINGER Corporation  
800-583-0004

North ↑

TLCE6635

**TdALL**





Site  
Add 2920 REED ROAD  
City HARRIS COUNTY TX  
County HARRIS  
Scale 1 inch = 700 feet TLCE6635  
Date 3-25-79 Source TXDOT

North ↑  
**Toll**  
Corporation  
800-583-0004



Site  
Add 2920 REED ROAD  
City HARRIS COUNTY TX  
County HARRIS  
Scale 1 inch = 700 feet TLCE6635  
Date 10-9-89 Source TXDOT

North  
**Tetall**  
Corporation  
800-583-0004



Site  
Add 2920 REED ROAD  
City HARRIS COUNTY TX  
County HARRIS  
Scale 1 inch = 700 feet TLCE6835  
Date 2-95 Source USGS

North ↑  
**TelALL**  
Corporation  
800-583-0004





Site  
Add 2920 REED ROAD  
City HARRIS COUNTY TX  
County HARRIS  
Scale 1 inch = 700 feet TLCE6635  
Date 2002 Source HGACOG

North ↑  
**TotALL**  
Corporation  
800-583-0004



# **Appendix III**

## **Supplemental Data**

**HARRIS COUNTY APPRAISAL MAPS**

**HFD HAZMAT DATA**

**CITY OF HOUSTON ECRE**

# **HARRIS COUNTY APPRAISAL MAPS**

5353D3

045-187-  
SEC. A

187-000-0202  
4.6555 AC.

045-187-000-0244  
3.0000 AC.

045-187-000-0078  
2.0000 AC.

576.71 (C)

583.40 (C)

588.10 (C)

222.08

353

151.1

15A-1

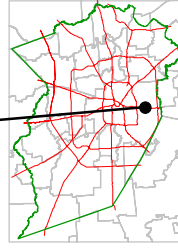
61

62

# Harris County Appraisal District

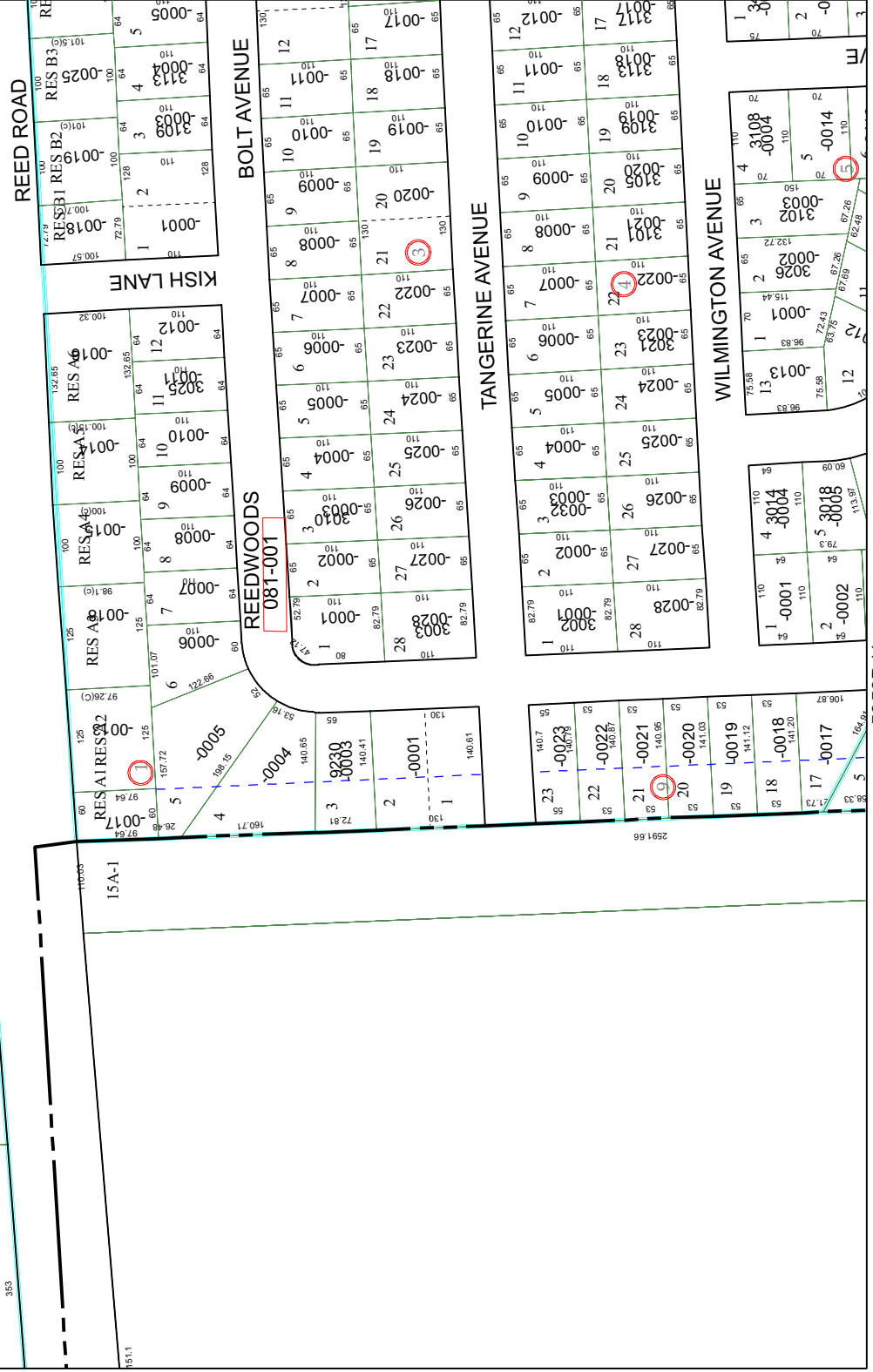


MAP LOCATION



## FACET 5353D

1	2	3	4
5	6	7	8
9	10	11	12



5353D6

5353D8

5353D11

# **HFD HAZMAT DATA**

## Houston Fire Department Search Request

The following are all incidents at the requested location to which the Hazardous Materials Response Team responded from January 1, 1995 through today's date; they are not necessarily the only spills that may have occurred during this time period. This report has been furnished by the Hazardous Materials Response Team. Contact person is Senior Captain Troy D. Lilley, phone number (713) 928-6711; FAX number (713) 928-6160.

**NOTE: HMRT does not maintain records for locations outside of the City of Houston.**

Requesting Company: TLC

Company Representative: LINDA

Fax number: 713-868-00017/15/2005 - 18:24:28

Search ID #002722: Key Map coordinate 573A

951208045 - 12/08/95 - 8800 South Fwy - Diesel; Motor Oil - 90 gal; 5 gal

No incidents in Key Map coordinate 573A during 1996.

No incidents in Key Map coordinate 573A during 1997.

No incidents in Key Map coordinate 573A during 1998.

No incidents in Key Map coordinate 573A during 1999.

001017210 - 10/17/00 - 2665 Reed Rd. - Diesel - 15 gal

010324517 - 03/24/01 - 9100 South Fwy & Reed Rd. - Sodium Chloride Solution 2500 gal

010714332 - 07/14/01 - 2304 Reed Rd. - Petroleum Crude Oil - 30 gal

010910332 - 09/10/01 - 2100 Reed Rd. - Mud - Undetrmd Amt

No incidents in Key Map coordinate 573A during 2002.

030314295 - 03/14/03 - 2700 Reed - Unknown - No Release

0404190141 - 04/19/04 - 2698 Reed Rd. - (Turn around) -

0407010355 - 07/01/04 - 2698 Reed Rd. - (Turn around) -

End search: 18:30:22 (0 mins., 47 secs.) 7/15/2005 - 18:30:33  
Search ID #002723: Key Map coordinate 573B

No incidents in Key Map coordinate 573B during 1995.

961028143 - 10/28/96 - 3003 Tangerine - (Turn around) -

970102398 - 01/02/97 - 2800 Reed - Gasoline - 15 gal

970403461 - 04/03/97 - 2800 Reed Rd. & Kish - (Turn around) -

980721164 - 07/21/98 - 10102 Fairland - Unknown - No Release

981101569 - 11/01/98 - 3510 Reed Rd. - Gasoline - No Release

No incidents in Key Map coordinate 573B during 1999.

No incidents in Key Map coordinate 573B during 2000.

No incidents in Key Map coordinate 573B during 2001.

020205291 - 02/05/02 - 9513 Chesterfield - Natural Gas - Undetrmd Amt

020318572 - 03/18/02 - 9621 Chesterfield - (Turn around) -

020531313 - 05/31/02 - 9800 Rack - Hydraulic Oil - Undetrmd Amt

No incidents in Key Map coordinate 573B during 2003.

No incidents in Key Map coordinate 573B during 2004.

End search: 18:31:21 (0 mins., 48 secs.) 7/15/2005 18:31:29  
Search ID #002724: Key Map coordinate 573B



# **CITY OF HOUSTON ECRE**

## **SUBJECT: ENVIRONMENTAL SITE ASSESSMENTS PHASE I**

### **1. PURPOSE**

This procedure provides guidelines for conducting Phase I Environmental Site Assessments for land involved in City of Houston real estate transactions, inter-departmental transfers, or construction projects, as well as rights-of-way which will be involved in City of Houston construction projects.

### **2. APPLICATION**

This procedure is to be used by all divisions involved in engineering/design, real estate, construction management, and also City consultants and subconsultants.

### **3. OBJECTIVE**

The objective of this procedure when used for real estate transactions is to discover any existing potential adverse environmental conditions consisting of the presence of hazardous substances or petroleum products on the property in question and adjacent properties, prior to the transaction.

For construction projects, the objective is to document environmental conditions of construction zones and areas immediately adjacent to the construction zone that could impact the design, construction or performance of a proposed construction project, prior to the design of the project and the solicitation of the bids.

### **4. BACKGROUND**

Since 1994, the City has maintained the policy of requiring that a Phase I Environmental Site Assessment (ESA) be conducted on property to be acquired and on construction projects involving excavation or installation of underground utilities located in City rights-of-way. Some of the ESAs were performed in-house by City personnel and others were performed by private consulting firms working under contract to the City or as a subcontractor. Previous standards and guidelines for ESAs developed by the City have relied upon generally accepted, industry standard practices or upon the Standard Practice developed by the American Society for Testing and Materials (ASTM), first published in 1993 and subsequently revised in 1994 and 1997.

As time has progressed, it has become evident that in certain situations additional information beyond the minimum required in the ASTM Standard is appropriate. Other situations suggest that the ASTM Standard requirements are excessive for certain types of projects. In order to provide guidance to those persons and firms

conducting Phase I ESAs for the City, this Standard Practice categorizes the various types of projects that require a Phase I ESA and sets a minimum scope of work for the ESA.

## 5. PROCEDURES

Below are the minimum scopes of work for Phase I ESA for (A) property to be acquired by the City; (B) property involved in divestitures and inter-departmental transfers; and (C) City construction projects. If a project will involve the acquisition of an additional easement for a right-of-way and construction in that right-of-way (e.g., the acquisition of curb cuts for a street widening project), the project shall be treated as a construction project and subject to Section C below.

- A. A Phase I ESA on property to be acquired by the City should conform to the ASTM Standard Practice E 1 627-97 with the following additions:
- 1) The sources of historical data reviewed for a site shall include, at a minimum, historic aerial photographs, fire insurance maps (where available), local city street directories (where available), and recorded land title records (Chain of Title). Applicable copies of these sources shall be presented in the report. One aerial photograph for approximately every five years from approximately 1950 to the present shall be obtained of an appropriate scale (if available) to clearly indicate site detail. Sites inside the IH-610 Loop shall have property usage identified from the present, back a minimum of 100 years, or to the property's obvious first development, whichever is earlier.
  - 2) If regulatory records indicate that Leaking Petroleum Storage Tank (LPST) or state superfund facilities are located within 500 feet of the site, the latest comprehensive assessment or monitoring report maintained on the facility by the Texas Natural Resource Conservation Commission (TNRCC) shall be reviewed and summarized in the ESA report. All records reviewed shall be conducted during the Phase I ESA. (Files may be ordered for express delivery from the TNRCC Central Records at 512-239-2927.)
  - 3) If regulatory records indicate that a federal superfund facility is located within approximately 1/4 mile of the site<sup>1</sup> the files maintained on that facility by the public library shall be reviewed and summarized in the ESA report. (Files are available in the Government Documents Section of the Central Houston Public Library<sup>1</sup> 500 McKinney, Houston.)
  - 4) The TNRCC's Voluntary Cleanup Program database shall be searched

for facilities that are located within approximately 1/4 mile of the site.  
(The database is regularly updated and is accessible on the Internet at <http://www.tnrcc.state.tx.us/lwaste/pcd/vcp/index.html#database>)

- 5) If buildings or structures are located on the site which were built before 1960, the ESA shall include a statement from a qualified asbestos/lead professional giving a list of observed suspect asbestos-containing materials and lead-based painted surfaces. If materials generally known to be asbestos or lead containing (i.e.: 9" x 9" floor tiles, transite panels, or floor paint striping) are observed, specific mention should be made with quantities estimated.
- 6) If the site includes undeveloped property which will be developed<sup>1</sup> available wetlands maps shall be obtained and reviewed, the presence of hydric soil types shall be reviewed using published information, and the presence of standing or flowing water shall be investigated during the site inspection. The environmental professional shall make a statement in the report concerning the potential for the presence of wetlands on the site and whether a full wetlands determination or delineation is recommended.
- 7) In addition to the interviews required in the ASTM Standard Practice, interviews shall also be conducted with owners or occupants of off-site facilities within 500 feet of the site as follows:
  - a) All commercial businesses that typically use hazardous chemicals or petroleum substances, such as dry cleaners, photo developers, mortuaries, and automotive service centers.
  - b) Selected or representative commercial establishments that do not typically use hazardous chemicals or petroleum substances,
  - c) All facilities identified in the regulatory records review, and
  - d) All industrial facilities.
- 8) If the site is in an area of known oil and gas production operations a record search for oil and gas exploration and production wells on or adjacent to the site shall be included In the ESA.
- 9) The environmental professional who conducted the ESA shall make recommendations for Phase II testing, as appropriate which shall be thorough enough to support a Phase II ESA.

- B Phase I Environmental Site Assessments On property involved in divestitures or Inter-departmental transfers may conform to the ASTM Standard Practice for Transaction Screen Process, E 1528-96, if the property has a low profile and low potential for adverse environmental impact, such as excess vacant property located in a residential area. Property involved in divestitures or inter-departmental transfers that are high profile and/or have a higher potential for adverse environmental impacts, such as developed property in a commercial or industrial area, should utilize ASTM Standard Practice E 1527 97 with the additions listed above In Section A,1) through 9).
- C Phase I Environmental Site Assessments on rights-of-way which will be involved in City construction projects shall conform to the ASTM Standard Practice E 1527-97 with the following reductions (Item 1) and additions (Items 2 through 8):
- 1) The approximate minimum search distance for Standard Environmental Record Sources, except for Federal National Priorities List (NPL), Federal RCRA TSD Facilities, and Texas Hazardous Waste Sites (HWS) may be reduced, pursuant to ASTM E 1527-97 7.1.2.1, to a radius of 500 feet unless there is a justifiable reason to maintain a larger radius. The minimum search distance for Federal NPL, Federal RCRA TSD and Texas HWS facilities shall be maintained at the ASTM specified distance of 1.0 mile. *(The reduction is reasonable In light of the geological characteristics found In Houston, and the focus of the ESA being discovery of potential shallow contaminants in corridor construction zones.)*
  - 2) The sources of historical data reviewed for a project shall include, at a minimum, historic aerial photographs, fire insurance maps (where available), and local city street directories (where available). Applicable copies of these sources shall be presented in the report. (Review of land title records or a Chain of Title is not required since no property is being acquired).
  - 3) If the regulatory records indicate that Leaking Petroleum Storage Tank (I-PST) or state superfund facilities are located within 500 feet of the site, the latest comprehensive assessment or monitoring report maintained on the facility by the Texas Natural Resource Conservation Commission (TNRCC) shall be reviewed and summarized in the ESA report. All records reviewed shall be conducted during the Phase I ESA. (Files may be ordered for express delivery from the TNRCC Central Records at 512-239-2927.)

- 4) If regulatory records indicate that a federal superfund facility is located within approximately ¼ mile of the site, the files maintained on that facility by the public library shall be reviewed and summarized in the ESA report. (Files are available in the Government Documents Section of the Central Houston Public Library, 500 McKinney, Houston.)
- 5) The TNRCC's Voluntary Cleanup Program database shall be searched or facilities located within approximately 500 feet of the right-of-way, (The database is regularly updated and is accessible on the Internet at <http://www.tnrcc.state.tx.us/waste/pcd/vcp/index.html#database>)
- 6) Interviews shall be conducted with owners or occupants of facilities directly adjacent to the right-of-way as follows:
  - a) All commercial businesses that typically use hazardous chemicals of petroleum substances, such as dry cleaners, photo developers mortuaries, and automotive service centers,
  - b) Selected or representative commercial establishments that do not typically use hazardous chemicals or petroleum substances,
  - c) All facilities identified in the regulatory records review, and
  - d) All Industrial facilities.
- 7) If the site is in an area of known oil and gas production operations, an oil and gas survey shall be included in the ESA.
- 8) The environmental professional who conducted the ESA shall make recommendations for Phase II testing, as appropriate, which shall be thorough enough to support a Phase II ESA.

## 6. ADMINISTRATIVE CONTROLS

- A. Maintenance Responsibility - Responsibility for updating this procedure is assigned to the Environmental Engineering Section of the Facilities Division.
- B. Filing Procedures - This procedure is to be filed numerically with other Standard Practices in the Project Manager's Manual and in the ECRE Procedures Manual.